

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129703.D
 Acq On : 10 Aug 2022 19:19
 Operator : CG\JU
 Sample : N4122-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/11/2022
 Supervised By : Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 21:35:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	177624	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	709000	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	347555	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	493025	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	286748	20.000	ng	-0.01
86) Perylene-d12	15.486	264	307265	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1221791	112.051	ng	0.00
7) Phenol-d6	6.498	99	1527708	111.467	ng	0.00
23) Nitrobenzene-d5	7.410	82	989719	76.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	352554	105.508	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1511256	67.265	ng	-0.01
79) Terphenyl-d14	12.951	244	966439	63.584	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	201114	40.880	ng	87
3) Pyridine	3.463	79	551671	40.379	ng	90
4) n-Nitrosodimethylamine	3.428	42	278915	46.491	ng	# 90
6) Aniline	6.504	93	609430	35.768	ng	# 49
8) 2-Chlorophenol	6.634	128	617419	51.829	ng	97
9) Benzaldehyde	6.393	77	384701	41.333	ng	98
10) Phenol	6.510	94	712316m	48.805	ng	
11) bis(2-Chloroethyl)ether	6.575	93	584106	50.464	ng	92
12) 1,3-Dichlorobenzene	6.781	146	641267	50.192	ng	96
13) 1,4-Dichlorobenzene	6.857	146	640846	49.320	ng	100
14) 1,2-Dichlorobenzene	7.004	146	606740	50.801	ng	97
15) Benzyl Alcohol	6.993	79	524958	52.813	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	751513	43.193	ng	# 1
17) 2-Methylphenol	7.110	107	481869	48.759	ng	# 88
18) Hexachloroethane	7.345	117	247874	50.663	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	423370	51.026	ng	91
20) 3+4-Methylphenols	7.263	107	622337	49.527	ng	# 82
22) Acetophenone	7.251	105	855103	51.803	ng	96
24) Nitrobenzene	7.428	77	631153	47.191	ng	96
25) Isophorone	7.663	82	1150789	49.430	ng	99
26) 2-Nitrophenol	7.740	139	333465	50.540	ng	97
27) 2,4-Dimethylphenol	7.787	122	553887m	55.964	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	712505	52.757	ng	100
29) 2,4-Dichlorophenol	7.992	162	495179	48.474	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	506360	47.889	ng	97
31) Naphthalene	8.145	128	1721907	47.802	ng	99
32) Benzoic acid	7.940	122	237368	33.175	ng	95
33) 4-Chloroaniline	8.198	127	454974	30.765	ng	97
34) Hexachlorobutadiene	8.251	225	310466	51.655	ng	97
35) Caprolactam	8.587	113	152901m	46.039	ng	
36) 4-Chloro-3-methylphenol	8.698	107	515504	47.580	ng	97
37) 2-Methylnaphthalene	8.834	142	1112431	47.522	ng	100
38) 1-Methylnaphthalene	8.934	142	1056489	46.752	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	496519	54.407	ng	99
41) Hexachlorocyclopentadiene	8.981	237	283302	69.715	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	319446	48.194	ng	97

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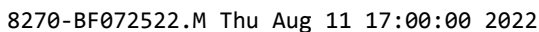
Reviewed By :Christian Giraldo 08/11/2022
 Supervised By :Jagrut Upadhyay 08/11/2022

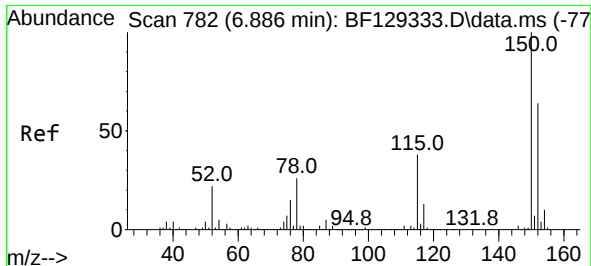
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	317786	44.087	ng	96
46) 1,1'-Biphenyl	9.298	154	1334148	52.599	ng	100
47) 2-Chloronaphthalene	9.328	162	1022953	49.889	ng	99
48) 2-Nitroaniline	9.434	65	322545	47.306	ng	88
49) Acenaphthylene	9.745	152	1497405	48.060	ng	99
50) Dimethylphthalate	9.604	163	1223159	50.980	ng	100
51) 2,6-Dinitrotoluene	9.675	165	264876	49.325	ng	88
52) Acenaphthene	9.916	154	1041329m	51.171	ng	
53) 3-Nitroaniline	9.845	138	211766	33.395	ng	# 94
54) 2,4-Dinitrophenol	9.957	184	205104	74.817	ng	92
55) Dibenzofuran	10.086	168	1332845	47.512	ng	97
56) 4-Nitrophenol	10.034	139	249396	53.310	ng	96
57) 2,4-Dinitrotoluene	10.081	165	324622	46.274	ng	95
58) Fluorene	10.428	166	1069418	47.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	231883	41.628	ng	97
60) Diethylphthalate	10.298	149	1150406	49.600	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	499968	50.525	ng	90
62) 4-Nitroaniline	10.463	138	233112m	37.058	ng	
63) Azobenzene	10.581	77	1063905	44.973	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	142831	45.899	ng	89
66) n-Nitrosodiphenylamine	10.539	169	913114	55.614	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	310217	57.461	ng	97
68) Hexachlorobenzene	10.975	284	324360	55.449	ng	97
69) Atrazine	11.069	200	285855	57.319	ng	95
70) Pentachlorophenol	11.181	266	176548	55.517	ng	99
71) Phenanthrene	11.392	178	1373813	51.047	ng	99
72) Anthracene	11.445	178	1339831	50.660	ng	100
73) Carbazole	11.604	167	1127865	45.302	ng	99
74) Di-n-butylphthalate	11.922	149	1561227	52.658	ng	99
75) Fluoranthene	12.586	202	1219728	44.730	ng	99
77) Benzidine	12.704	184	274315	27.079	ng	99
78) Pyrene	12.816	202	1189864	49.622	ng	98
80) Butylbenzylphthalate	13.422	149	517528	49.759	ng	95
81) Benzo(a)anthracene	14.004	228	978405	49.950	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	300863	46.521	ng	# 98
83) Chrysene	14.045	228	912699	49.440	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	701679	51.244	ng	99
85) Di-n-octyl phthalate	14.586	149	1156388	58.687	ng	95
87) Indeno(1,2,3-cd)pyrene	16.974	276	924537	44.682	ng	98
88) Benzo(b)fluoranthene	15.057	252	1122229	55.060	ng	99
89) Benzo(k)fluoranthene	15.086	252	936421	46.883	ng	99
90) Benzo(a)pyrene	15.427	252	920127	55.612	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	791413	46.993	ng	99
92) Benzo(g,h,i)perylene	17.427	276	745214	43.304	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

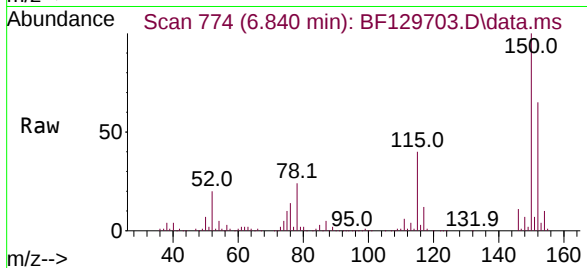
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129703.D
 Acq: 10 Aug 2022 19:19

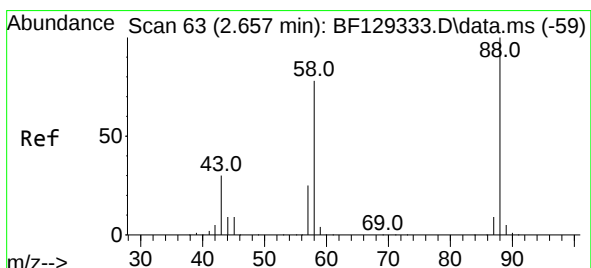
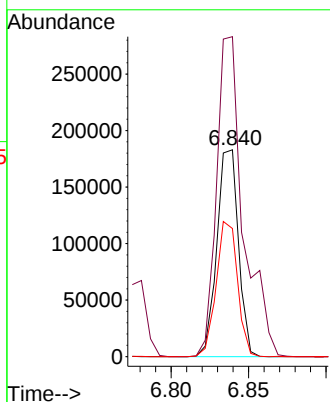
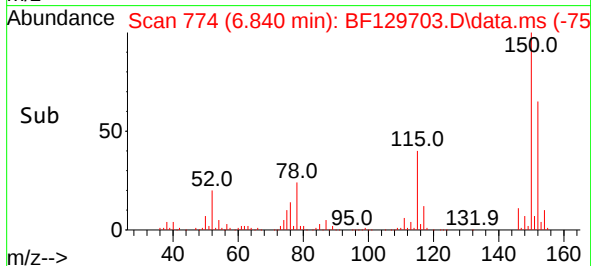
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051MSD



Tgt Ion:152 Resp: 177624
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 61.9 49.9 74.9

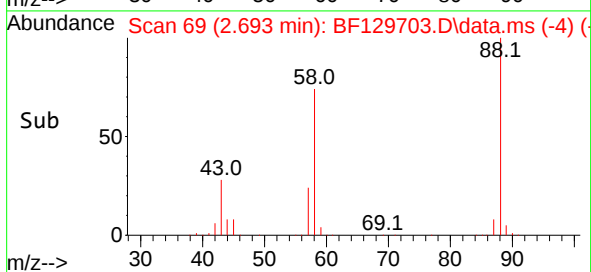
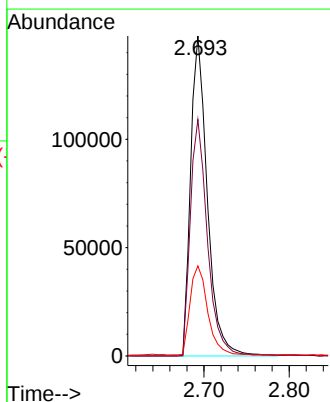
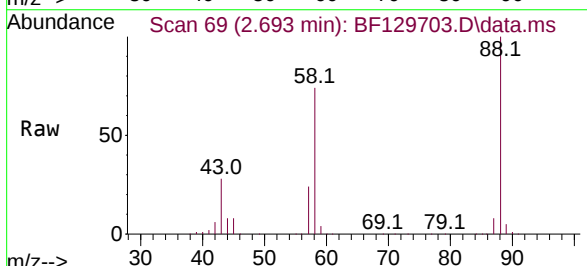
Manual Integrations
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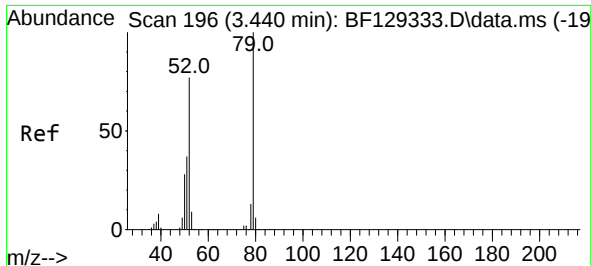
Reviewed By :Christian Giraldo 08/11/2022
 Supervised By :Jagrut Upadhyay 08/11/2022



#2
 1,4-Dioxane
 Concen: 40.880 ng
 RT: 2.693 min Scan# 69
 Delta R.T. 0.082 min
 Lab File: BF129703.D
 Acq: 10 Aug 2022 19:19

Tgt Ion: 88 Resp: 201114
 Ion Ratio Lower Upper
 88 100
 58 75.7 71.8 107.8
 43 29.3 26.6 39.8





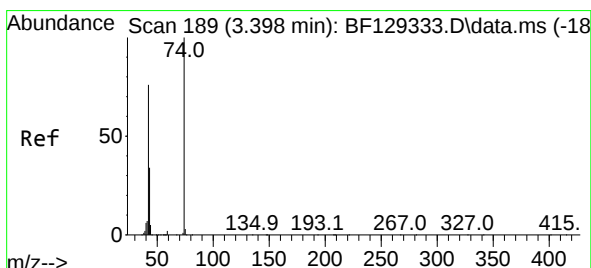
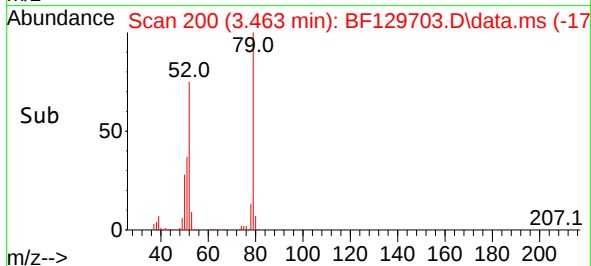
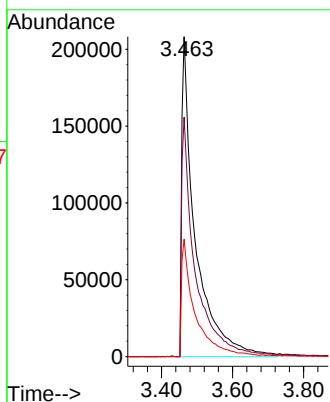
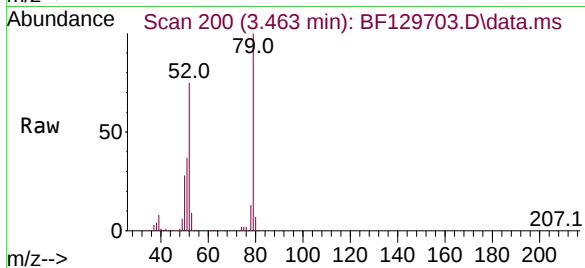
#3
Pyridine
Concen: 40.379 ng
RT: 3.463 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
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ClientSampleId :
RBR-200051MSD

Tgt Ion: 79 Resp: 55167
Ion Ratio Lower Upper
79 100
52 74.8 68.6 102.8
51 36.7 32.9 49.3

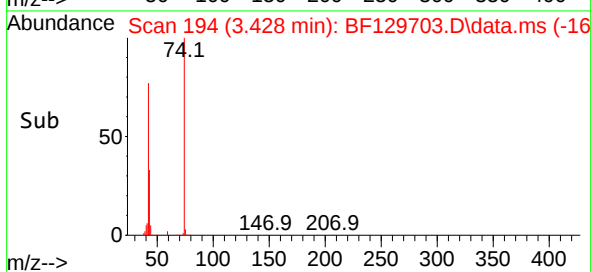
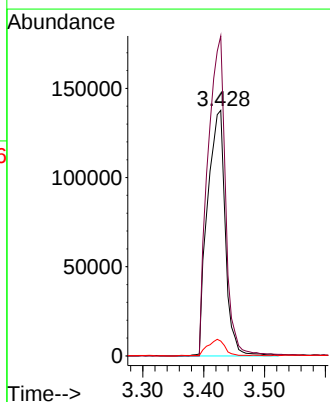
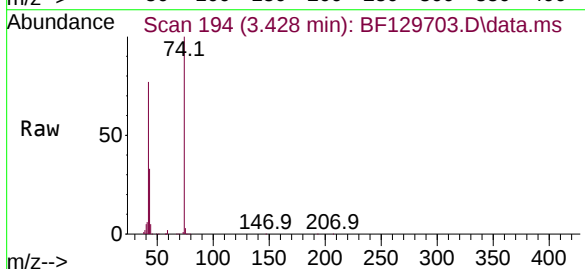
Manual Integrations
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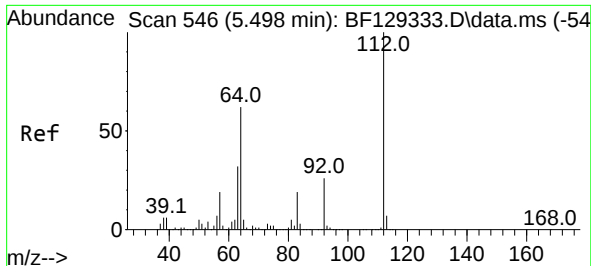
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#4
n-Nitrosodimethylamine
Concen: 46.491 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.077 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

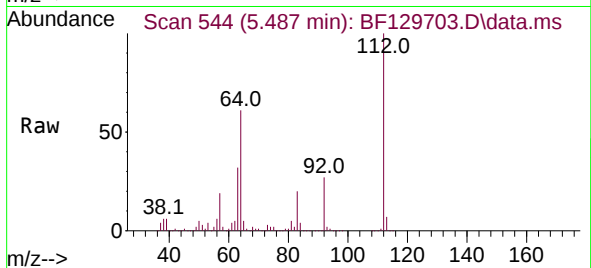
Tgt Ion: 42 Resp: 278915
Ion Ratio Lower Upper
42 100
74 130.4 94.8 142.2
44 6.1 6.6 10.0#





#5
2-Fluorophenol
Concen: 112.051 ng
RT: 5.487 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

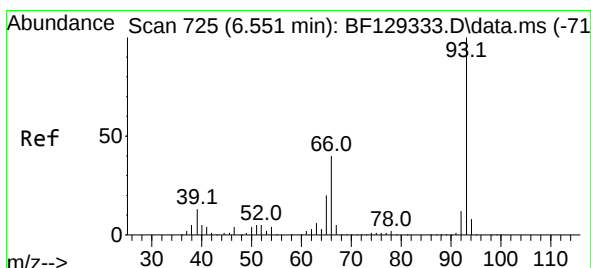
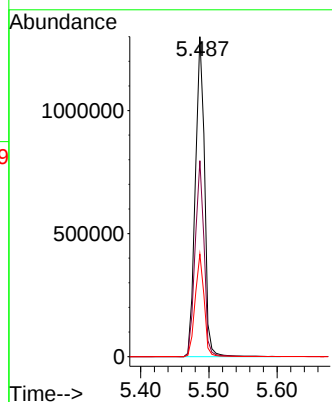
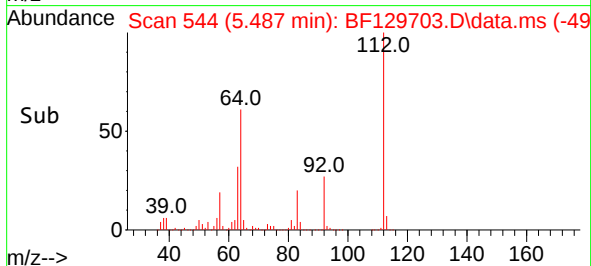
Instrument :
BNA_F
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Tgt Ion: 112 Resp: 1221791
Ion Ratio Lower Upper
112 100
64 61.2 53.3 79.9
63 32.0 28.0 42.0

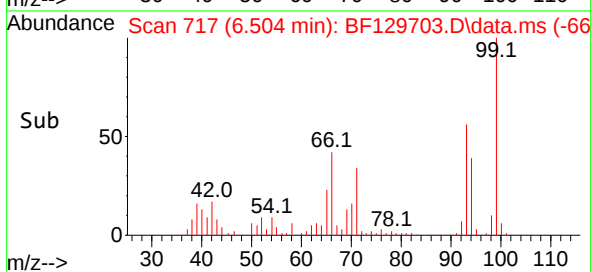
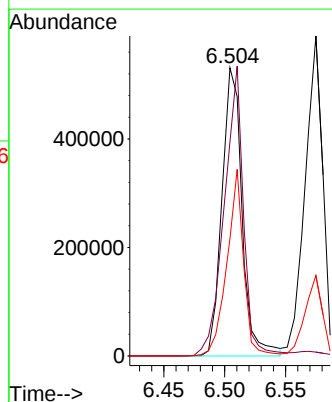
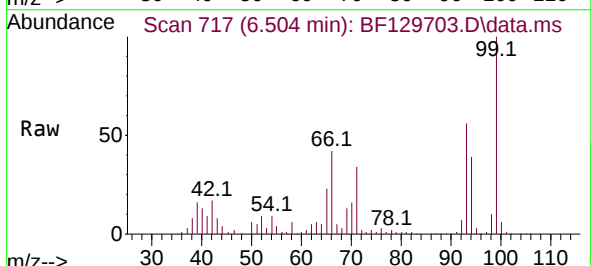
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#6
Aniline
Concen: 35.768 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion: 93 Resp: 609430
Ion Ratio Lower Upper
93 100
66 74.3 32.5 48.7#
65 40.7 16.4 24.6#





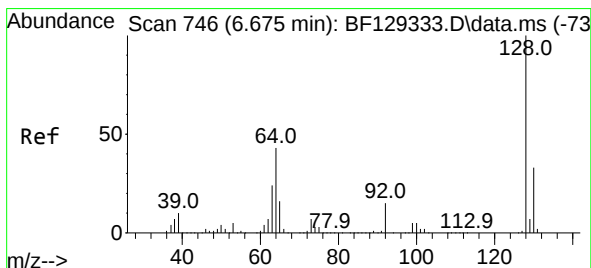
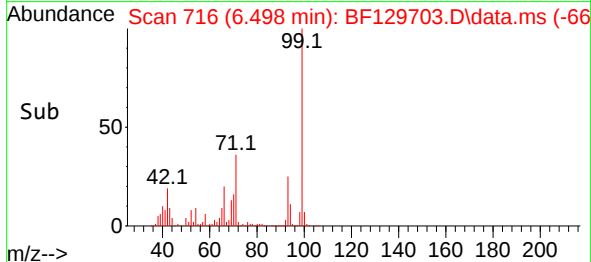
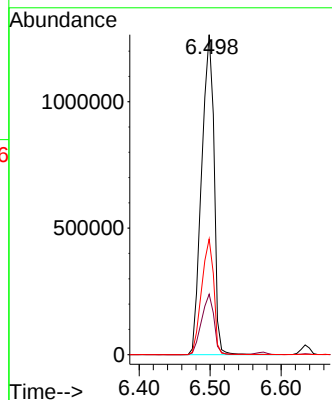
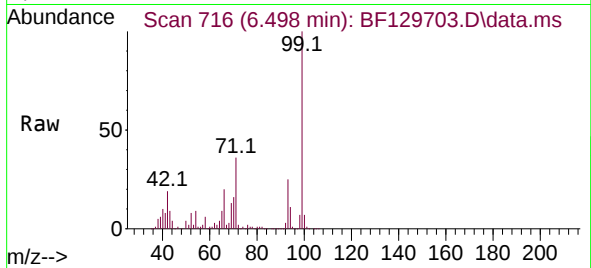
#7
Phenol-d6
Concen: 111.467 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion: 99 Resp: 1527708
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.1 28.9 43.3

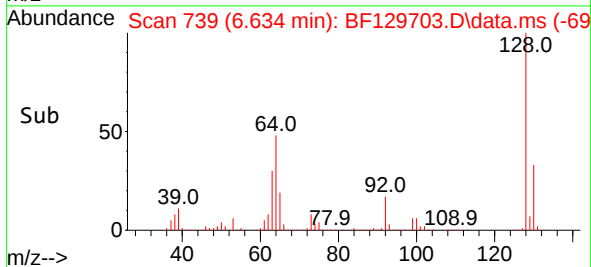
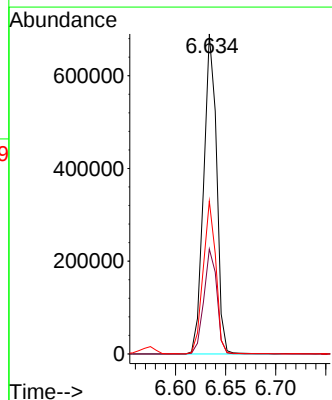
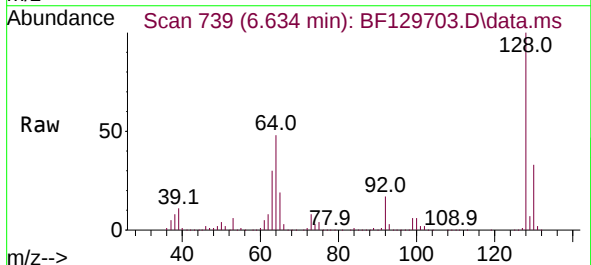
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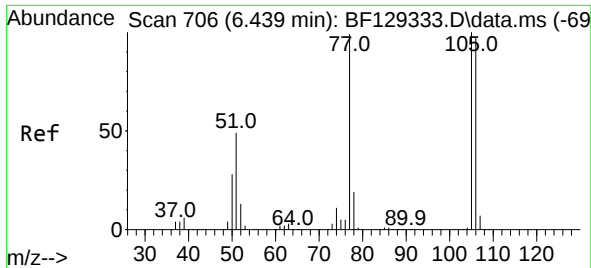
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#8
2-Chlorophenol
Concen: 51.829 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:128 Resp: 617419
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 47.7 30.9 70.9





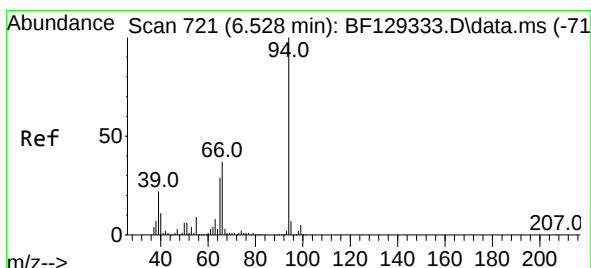
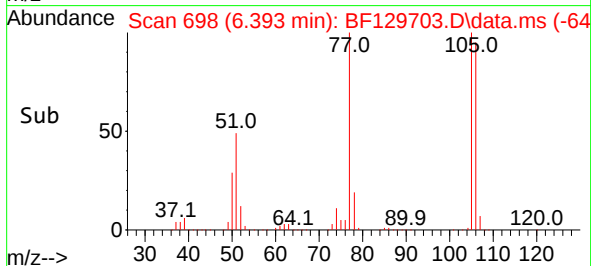
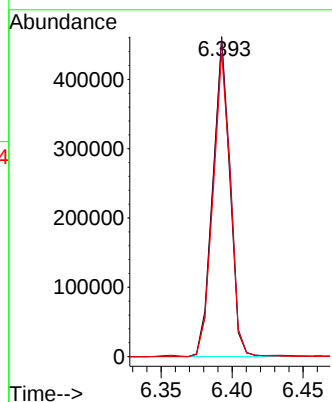
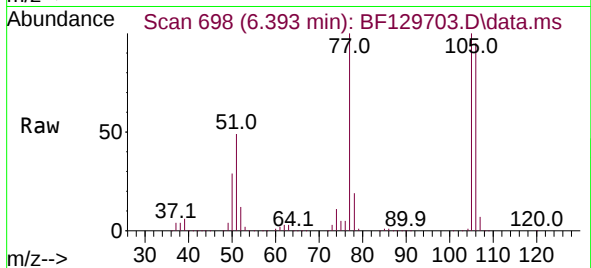
#9
Benzaldehyde
Concen: 41.333 ng
RT: 6.393 min Scan# 69
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
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ClientSampleId :
RBR-200051MSD

Tgt Ion: 77 Resp: 384701
Ion Ratio Lower Upper
77 100
105 99.5 81.6 121.6
106 94.8 76.1 116.1

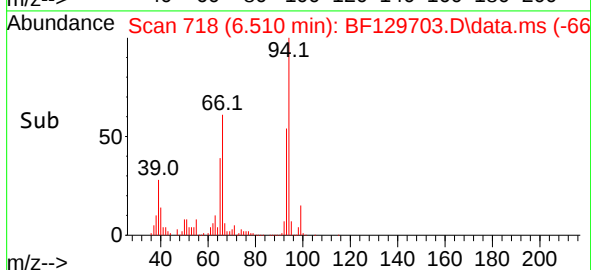
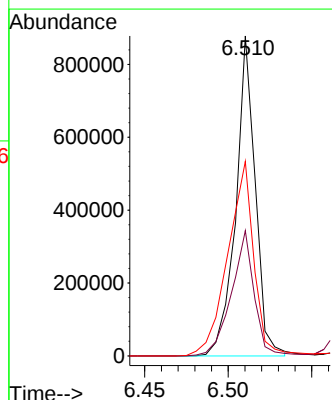
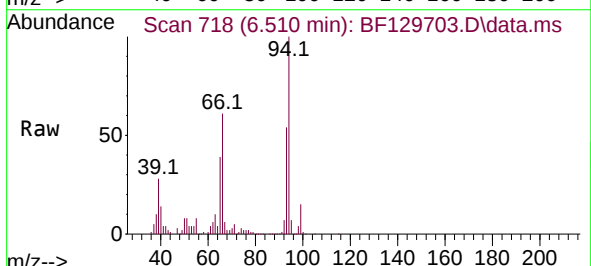
Manual Integrations
APPROVED

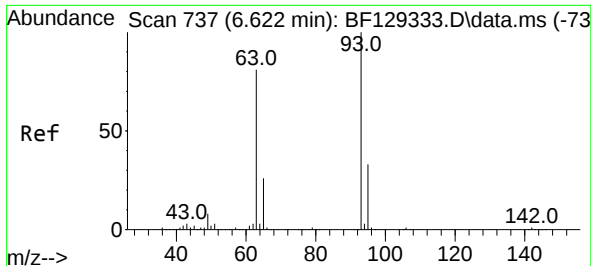
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#10
Phenol
Concen: 48.805 ng m
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion: 94 Resp: 712316
Ion Ratio Lower Upper
94 100
65 39.2 11.4 51.4
66 60.8 21.4 61.4





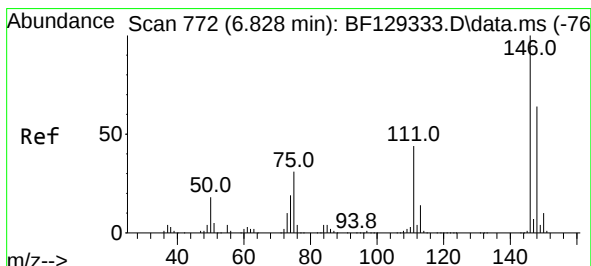
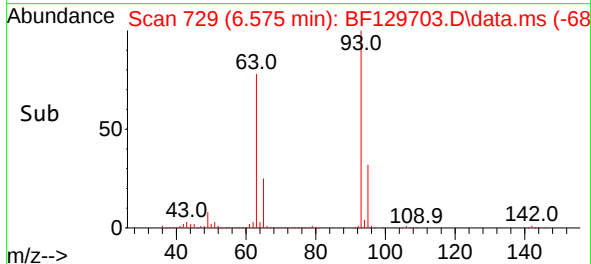
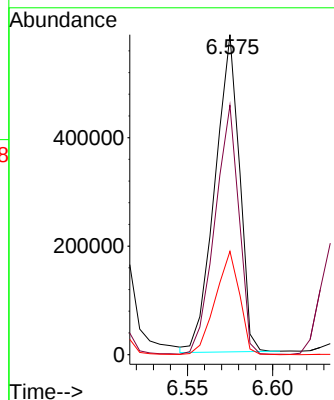
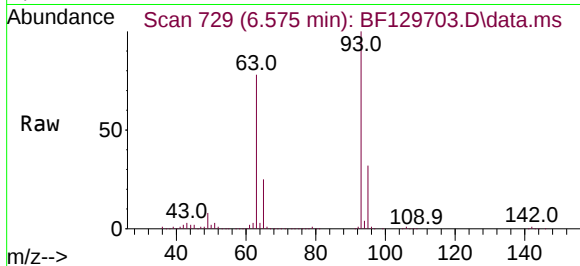
#11
bis(2-Chloroethyl)ether
Concen: 50.464 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion: 93 Resp: 584106
Ion Ratio Lower Upper
93 100
63 77.9 67.4 107.4
95 32.3 12.7 52.7

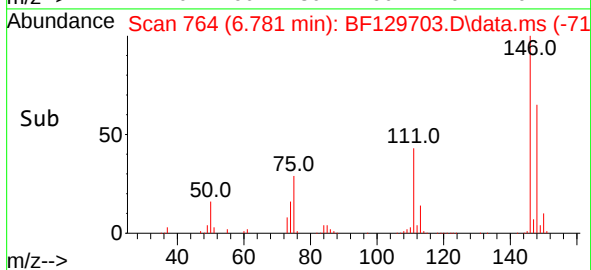
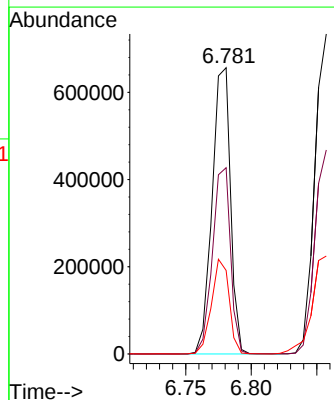
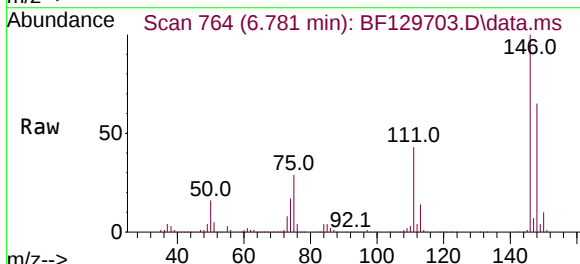
Manual Integrations
APPROVED

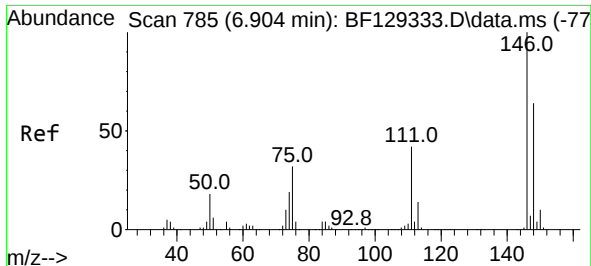
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#12
1,3-Dichlorobenzene
Concen: 50.192 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

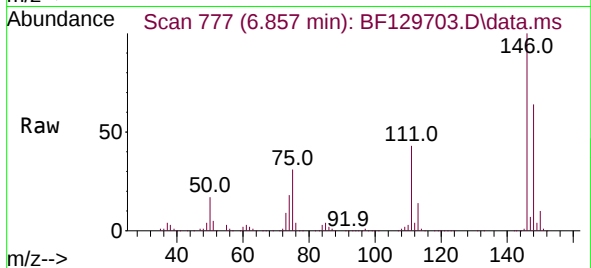
Tgt Ion:146 Resp: 641267
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
75 29.2 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 49.320 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

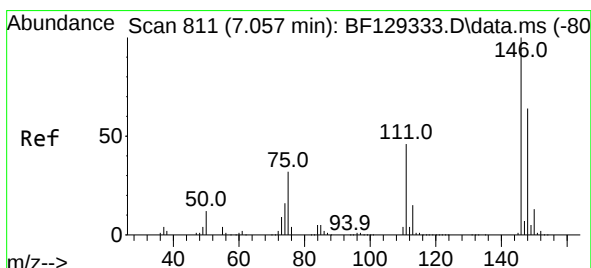
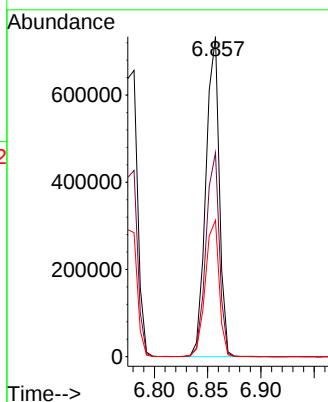
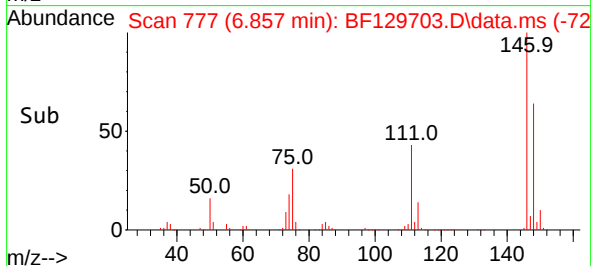
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



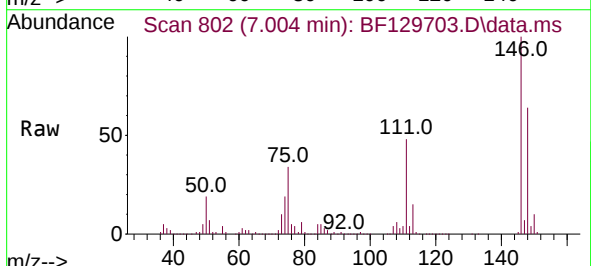
Tgt Ion:146 Resp: 640846
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 42.6 34.2 51.4

Manual Integrations
APPROVED

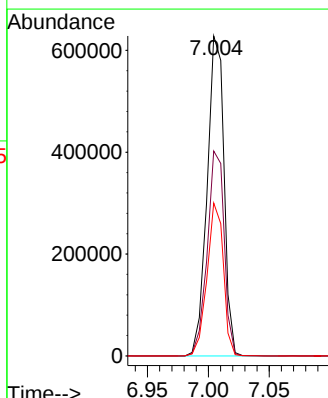
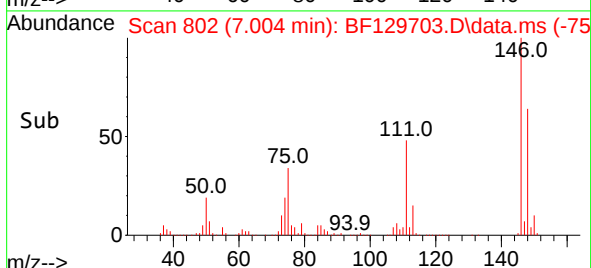
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

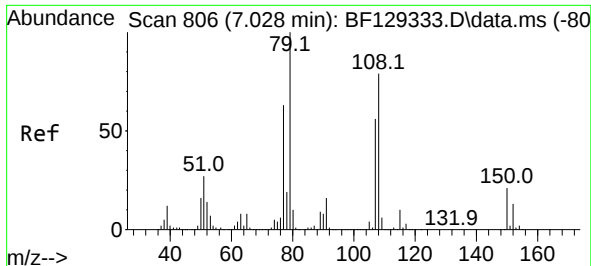


#14
1,2-Dichlorobenzene
Concen: 50.801 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



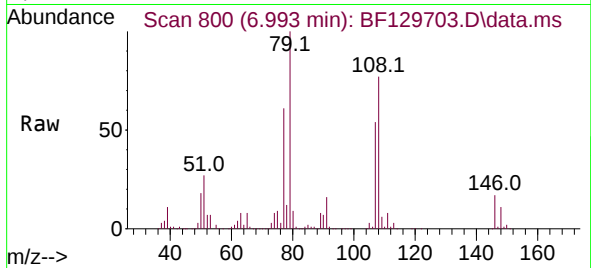
Tgt Ion:146 Resp: 606740
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 47.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 52.813 ng
RT: 6.993 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

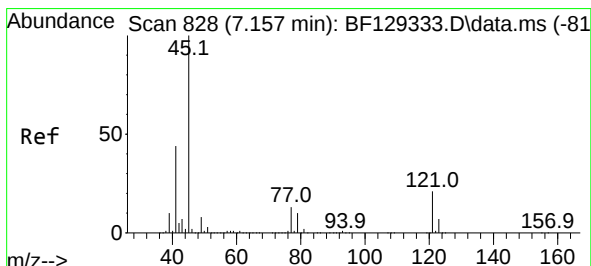
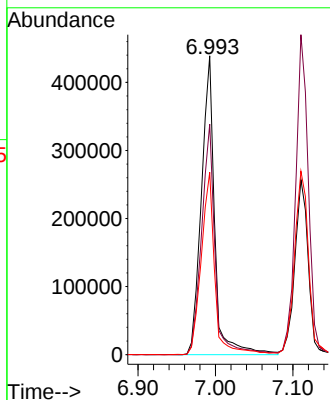
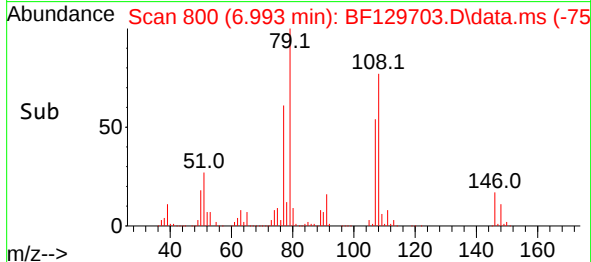
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



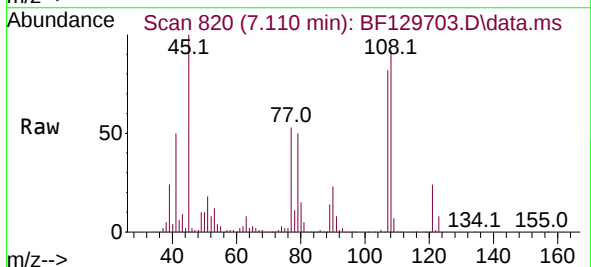
Tgt Ion: 79 Resp: 524958
Ion Ratio Lower Upper
79 100
108 77.1 61.8 92.6
77 61.0 50.2 75.4

Manual Integrations
APPROVED

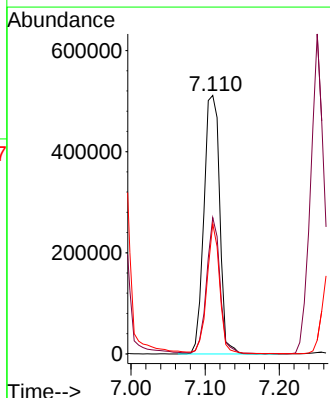
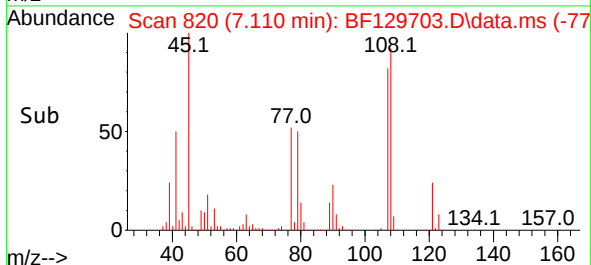
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

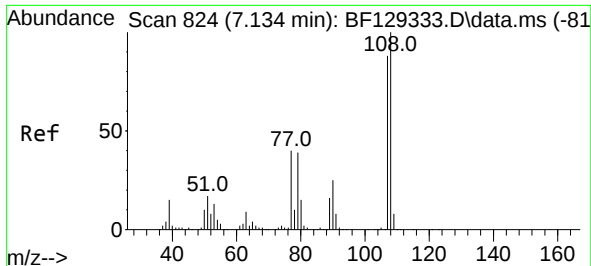


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.193 ng
RT: 7.110 min Scan# 820
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



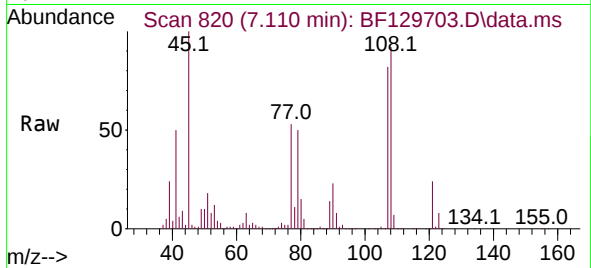
Tgt Ion: 45 Resp: 751513
Ion Ratio Lower Upper
45 100
77 52.7 0.0 31.3#
79 50.3 0.0 28.3#





#17
2-Methylphenol
Concen: 48.759 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

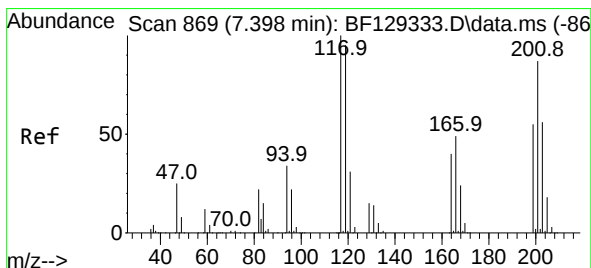
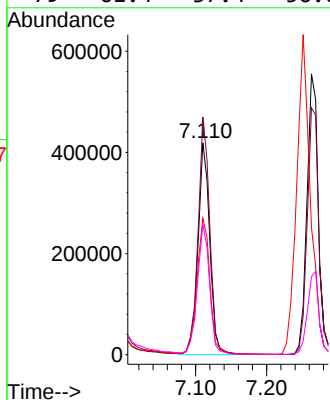
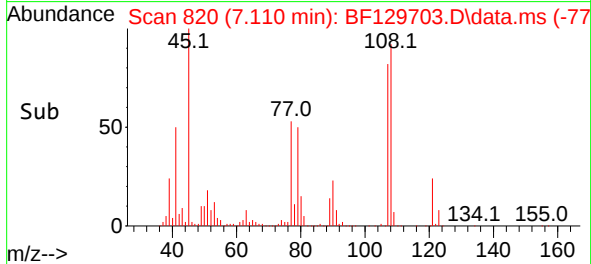
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:107 Resp: 481869
Ion Ratio Lower Upper
107 100
108 112.3 91.9 137.9
77 64.3 37.8 56.8
79 61.4 37.4 56.0

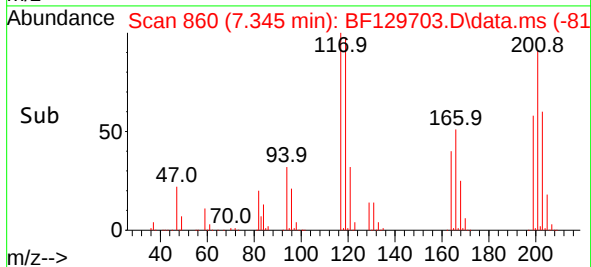
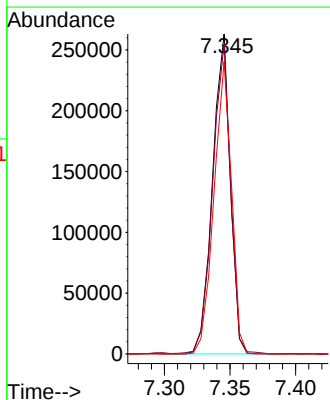
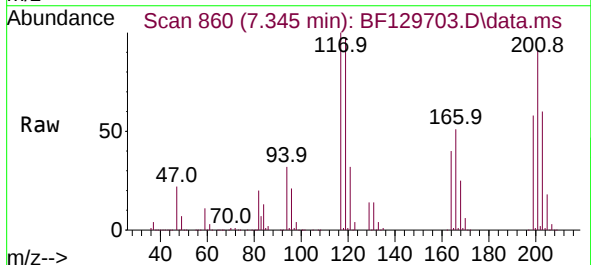
Manual Integrations
APPROVED

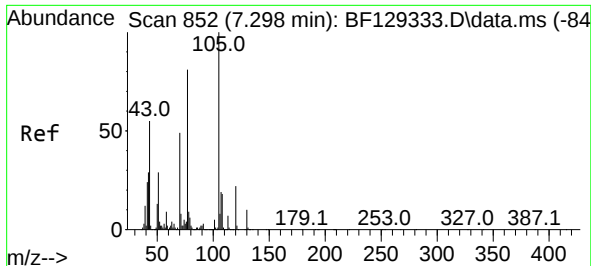
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#18
Hexachloroethane
Concen: 50.663 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

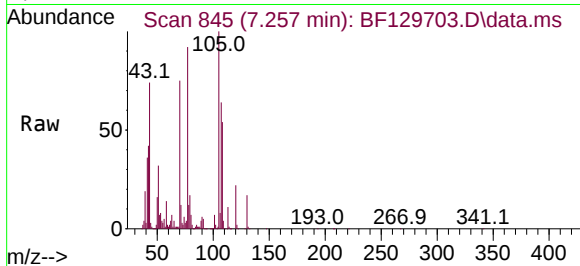
Tgt Ion:117 Resp: 247874
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 91.4 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 51.026 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

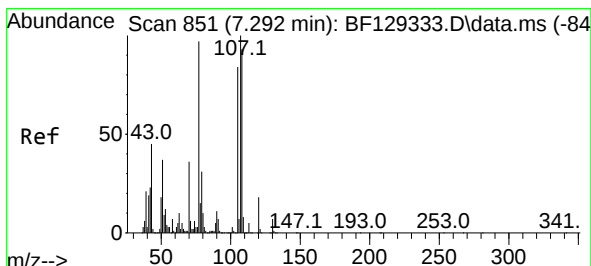
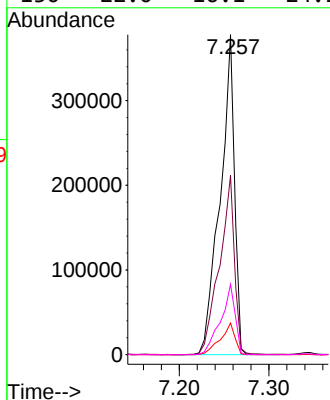
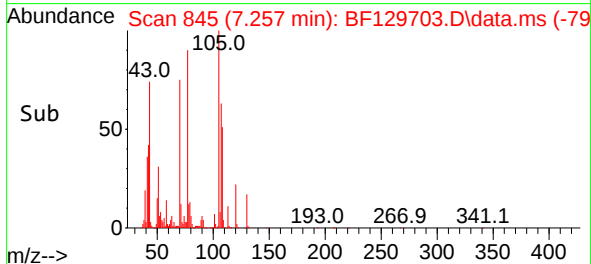
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion: 70 Resp: 423370
Ion Ratio Lower Upper
70 100
42 56.0 52.3 78.5
101 9.9 7.5 11.3
130 22.0 16.1 24.1

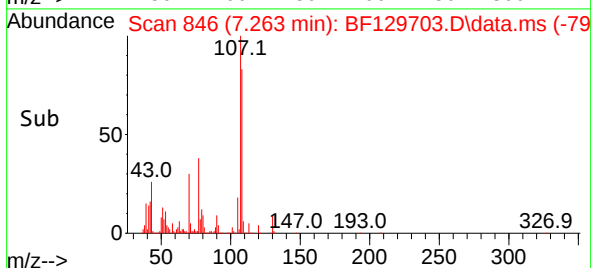
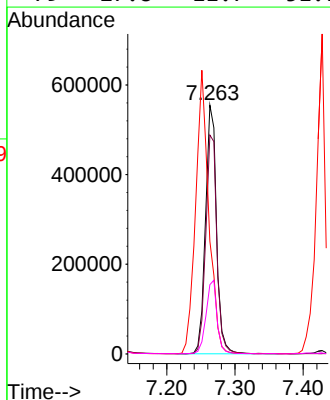
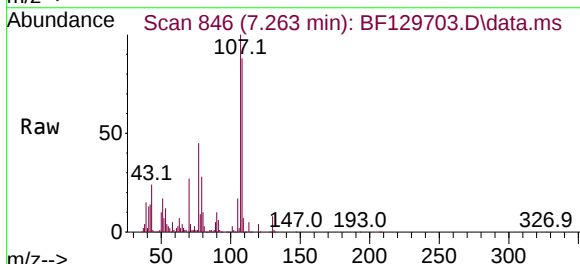
Manual Integrations
APPROVED

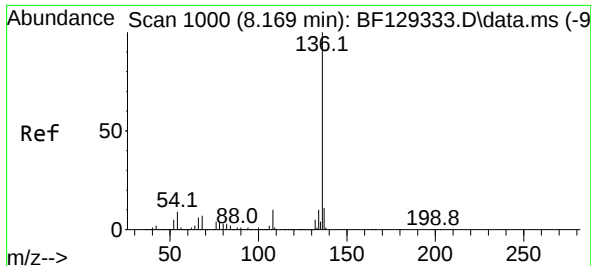
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#20
3+4-Methylphenols
Concen: 49.527 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

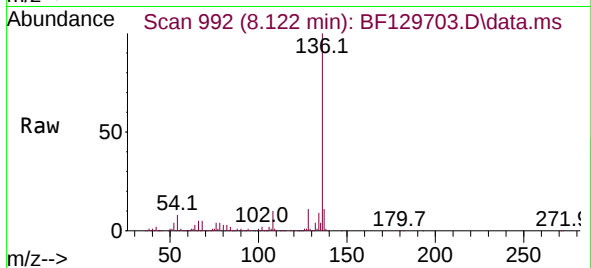
Tgt Ion:107 Resp: 622337
Ion Ratio Lower Upper
107 100
108 87.9 71.8 111.8
77 45.3 59.3 99.3#
79 27.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 99
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

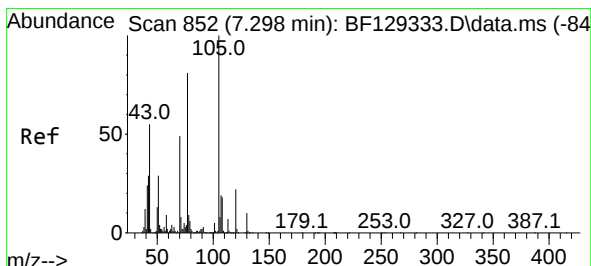
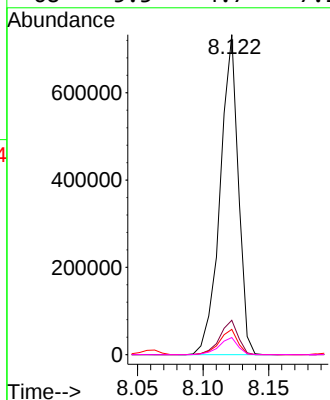
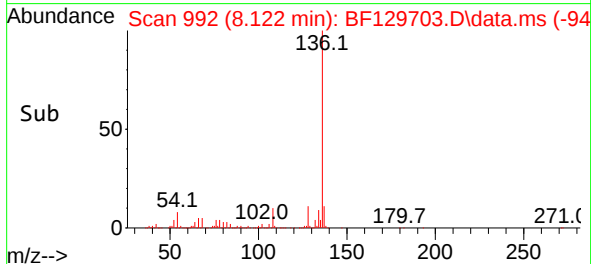
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:136 Resp: 709000
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 7.5 11.3
68 5.3 4.7 7.1

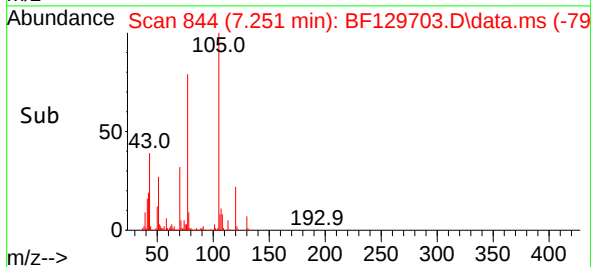
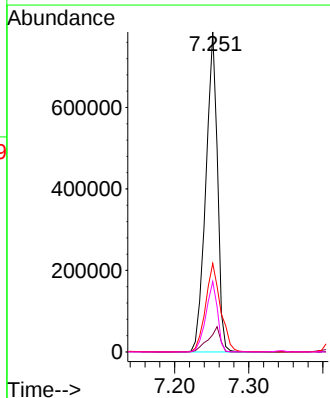
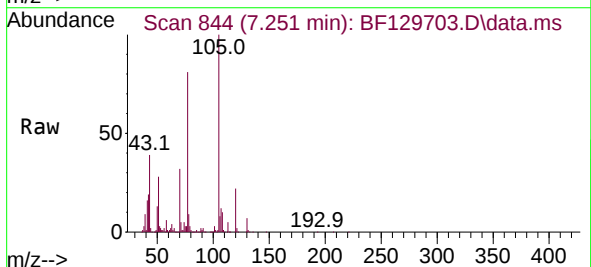
Manual Integrations
APPROVED

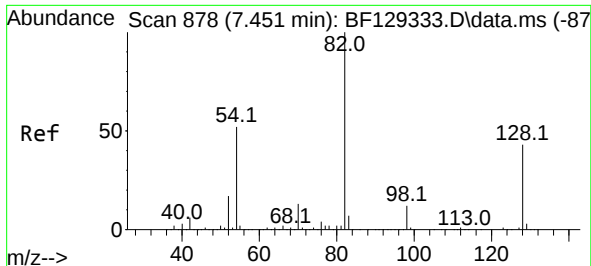
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#22
Acetophenone
Concen: 51.803 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:105 Resp: 855103
Ion Ratio Lower Upper
105 100
71 5.4 5.0 7.4
51 27.6 25.0 37.4
120 22.0 17.8 26.8





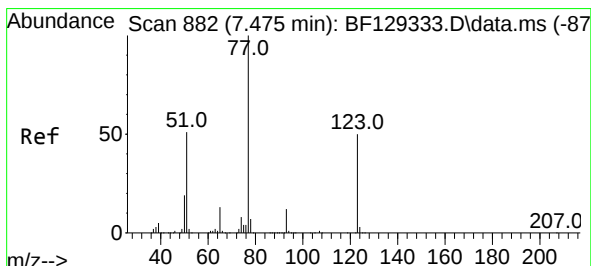
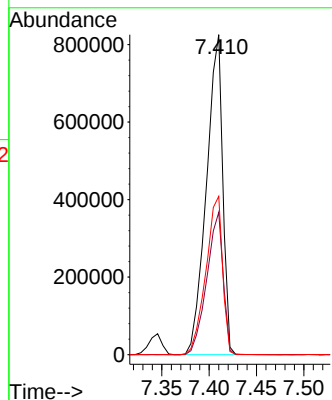
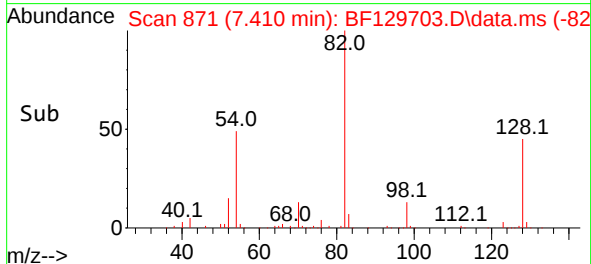
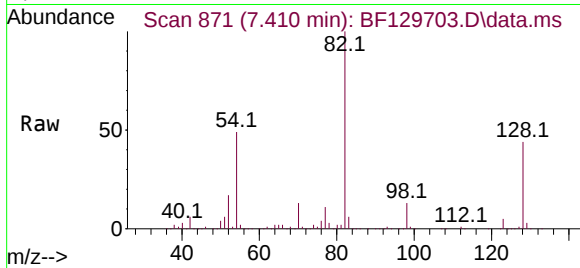
#23
Nitrobenzene-d5
Concen: 76.202 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion: 82 Resp: 989719
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 49.5 46.9 70.3

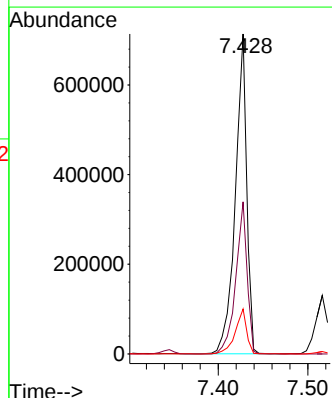
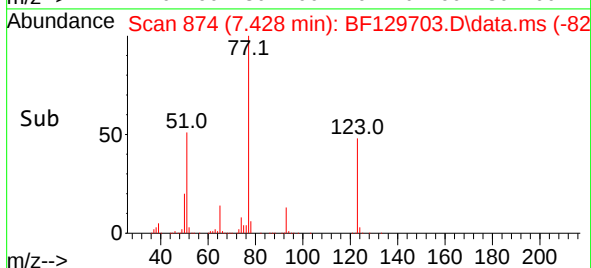
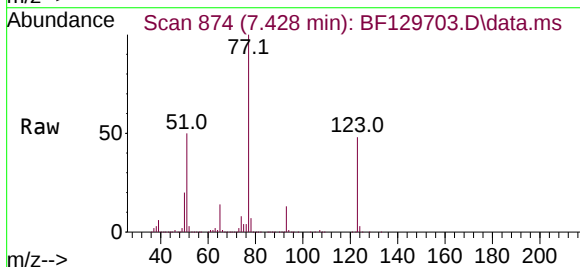
Manual Integrations
APPROVED

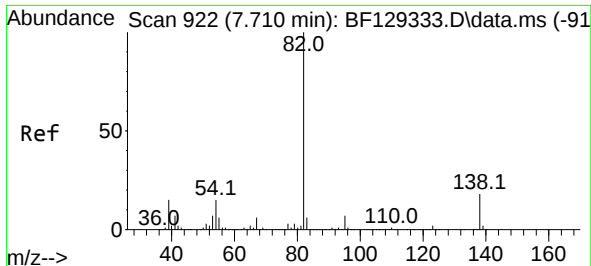
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#24
Nitrobenzene
Concen: 47.191 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

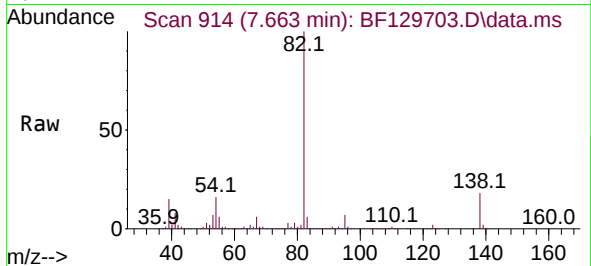
Tgt Ion: 77 Resp: 631153
Ion Ratio Lower Upper
77 100
123 47.5 35.4 53.2
65 14.0 11.8 17.8





#25
Isophorone
Concen: 49.430 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

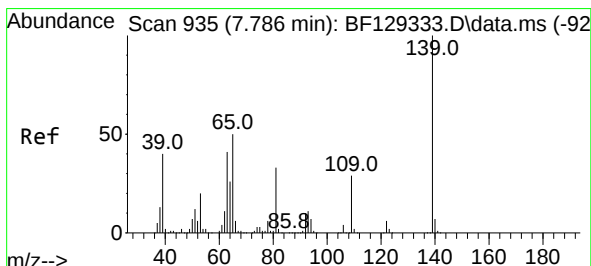
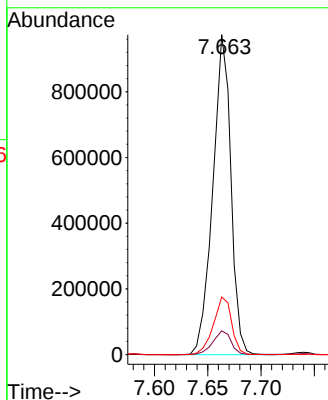
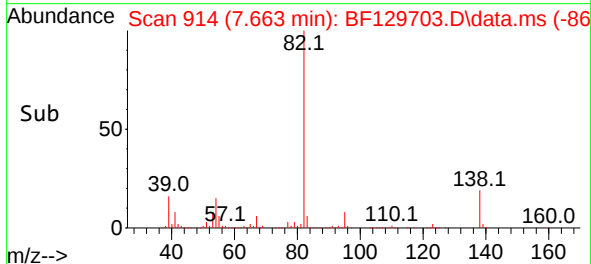
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



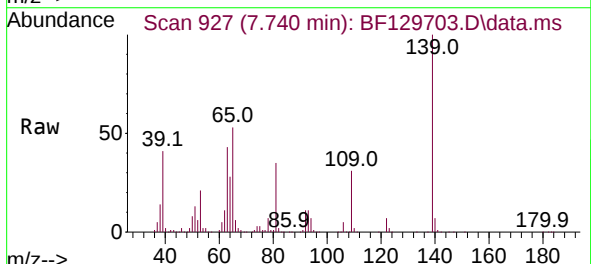
Tgt Ion: 82 Resp: 1150789
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.0 14.2 21.2

Manual Integrations
APPROVED

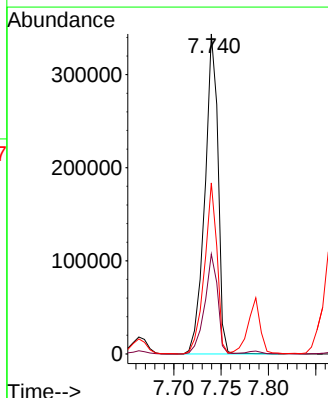
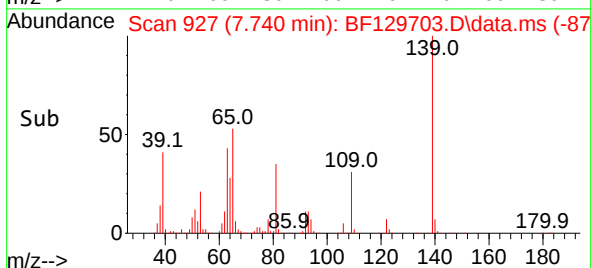
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

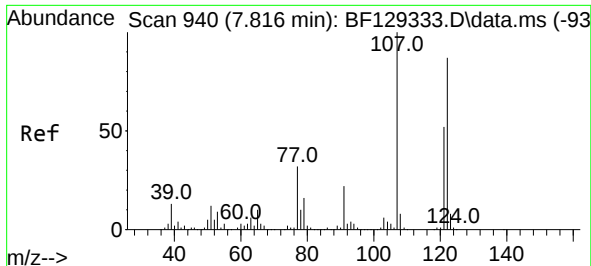


#26
2-Nitrophenol
Concen: 50.540 ng
RT: 7.740 min Scan# 927
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



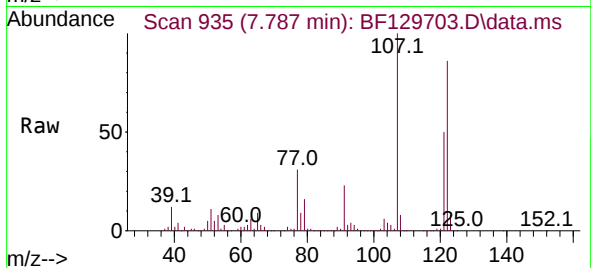
Tgt Ion:139 Resp: 333465
Ion Ratio Lower Upper
139 100
109 31.2 25.0 37.4
65 53.4 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 55.964 ng m
RT: 7.787 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

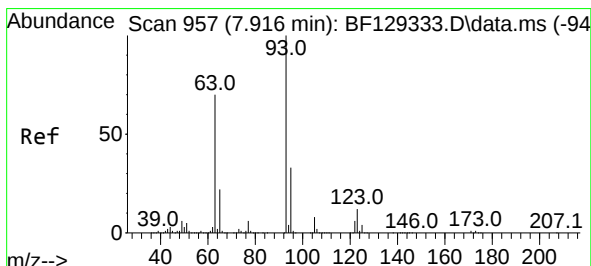
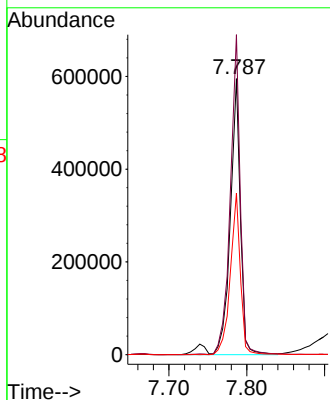
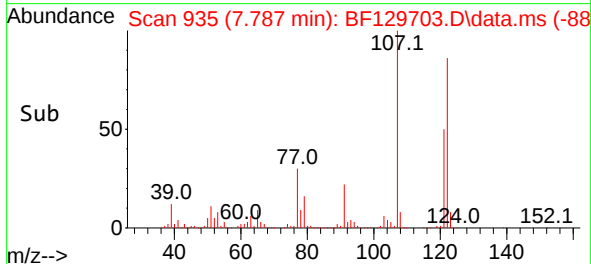
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



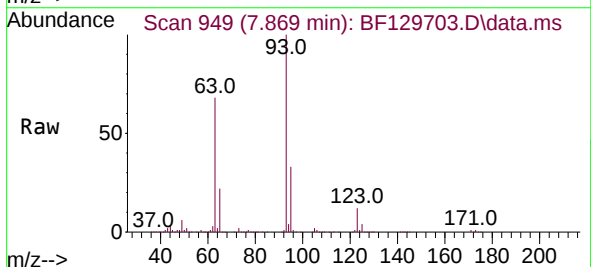
Tgt Ion:122 Resp: 55388
Ion Ratio Lower Upper
122 100
107 116.0 93.0 139.6
121 58.5 46.6 70.0

Manual Integrations
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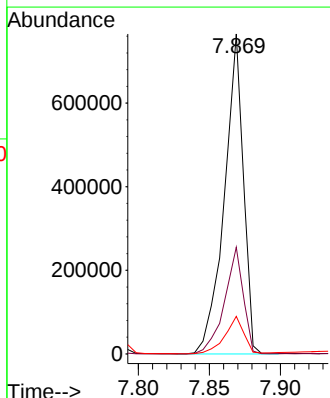
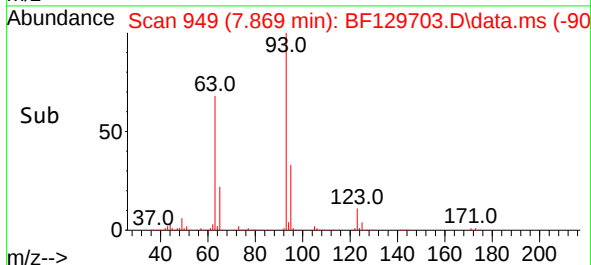
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

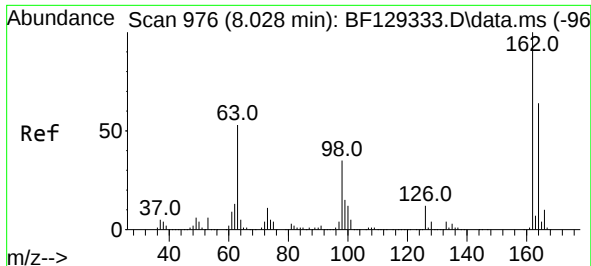


#28
bis(2-Chloroethoxy)methane
Concen: 52.757 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



Tgt Ion: 93 Resp: 712505
Ion Ratio Lower Upper
93 100
95 33.4 26.8 40.2
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.474 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tgt Ion:162 Resp: 495179

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

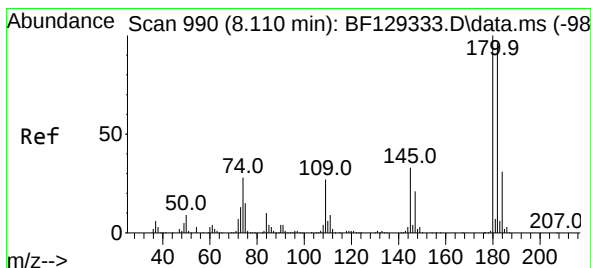
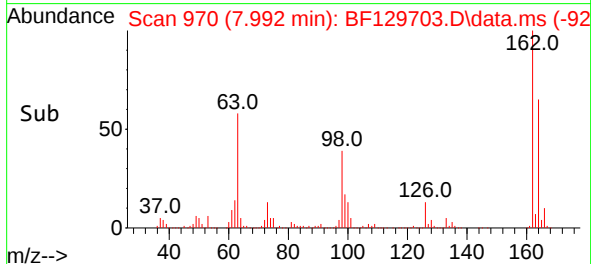
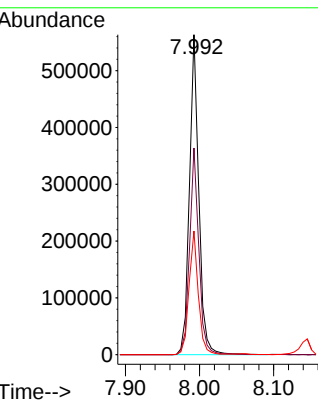
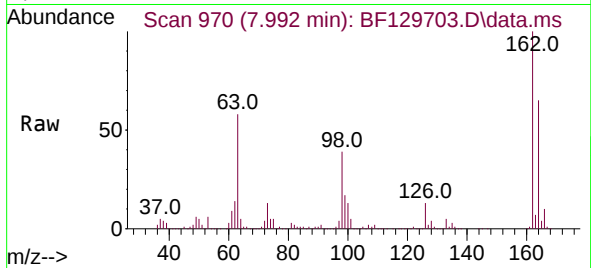
98 38.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/11/2022

Supervised By :Jagrut Upadhyay 08/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.889 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.012 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

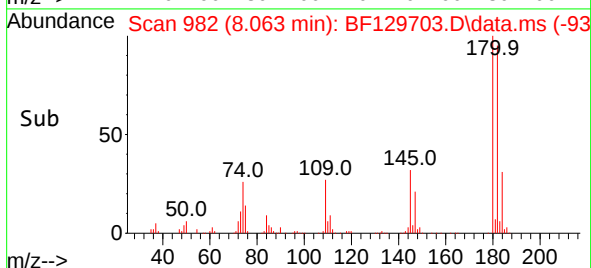
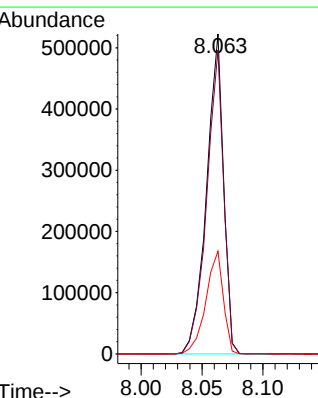
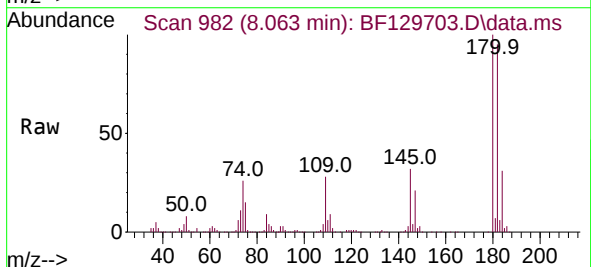
Tgt Ion:180 Resp: 506360

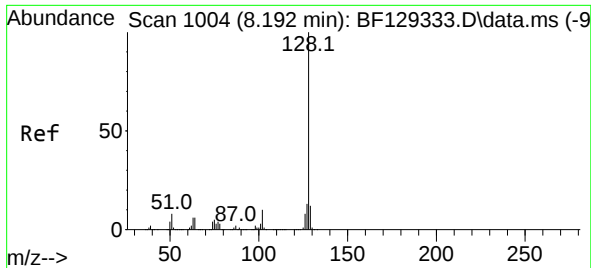
Ion Ratio Lower Upper

180 100

182 95.0 79.2 118.8

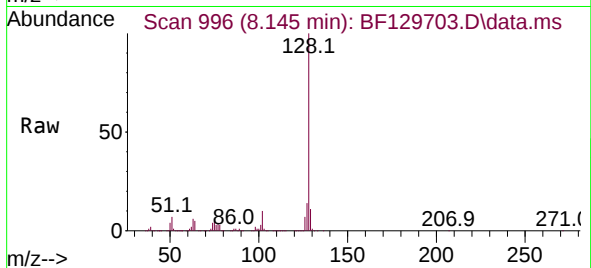
145 32.1 26.2 39.2





#31
Naphthalene
Concen: 47.802 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

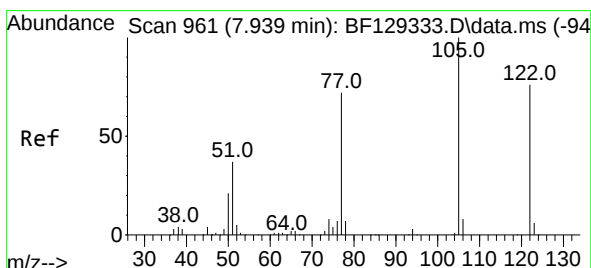
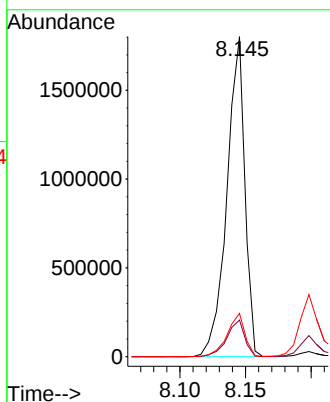
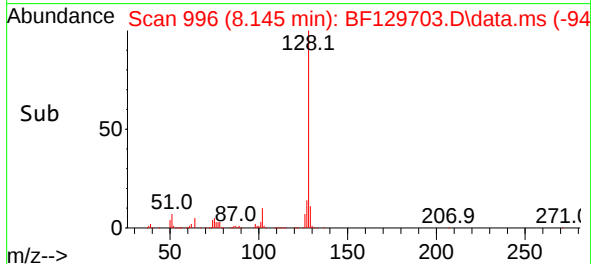
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:128 Resp: 1721907
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.5 15.7

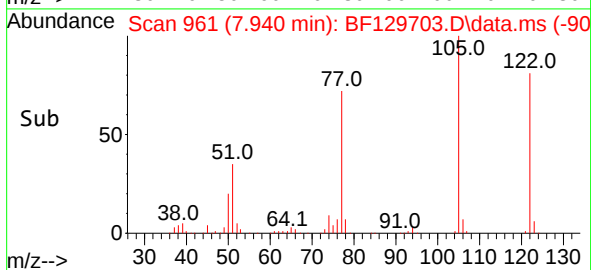
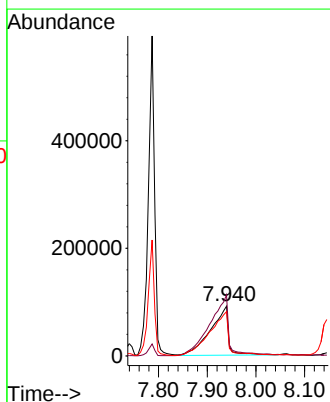
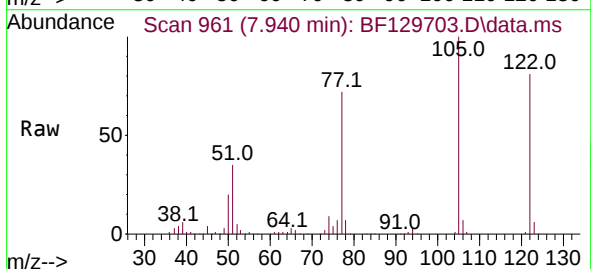
Manual Integrations
APPROVED

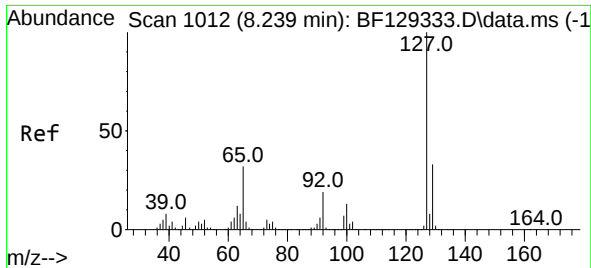
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#32
Benzoic acid
Concen: 33.175 ng
RT: 7.940 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:122 Resp: 237368
Ion Ratio Lower Upper
122 100
105 122.8 107.1 147.1
77 88.9 74.2 114.2





#33
4-Chloroaniline
Concen: 30.765 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

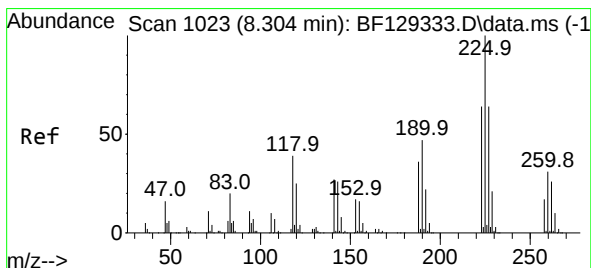
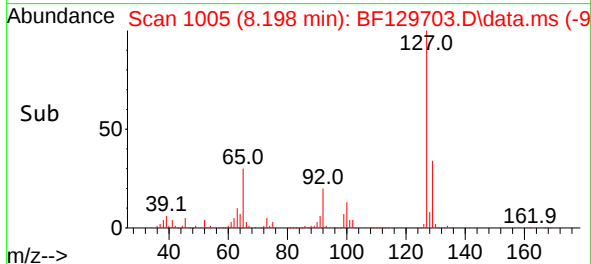
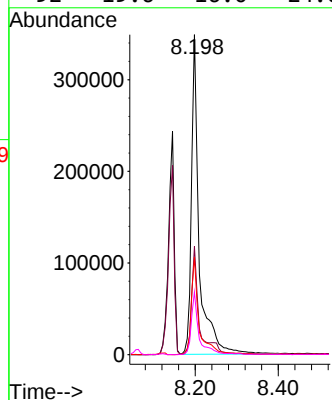
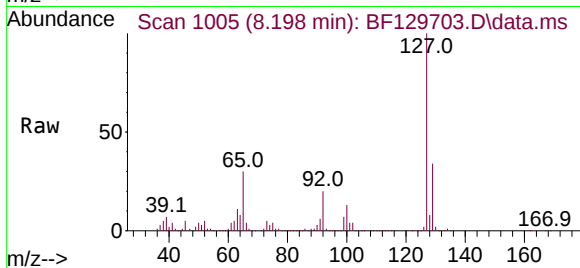
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion:127 Resp: 454974

Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.4	39.6
65	30.4	26.4	39.6
92	19.6	16.0	24.0

Manual Integrations
APPROVED

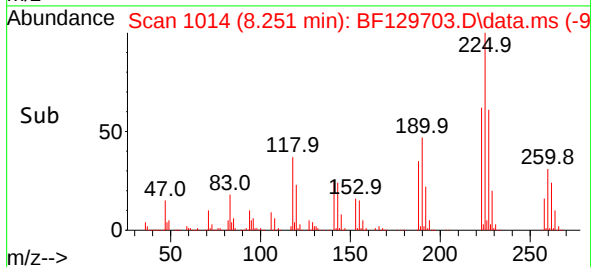
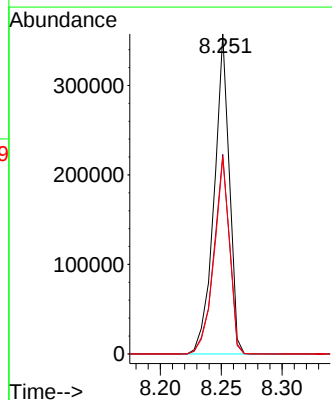
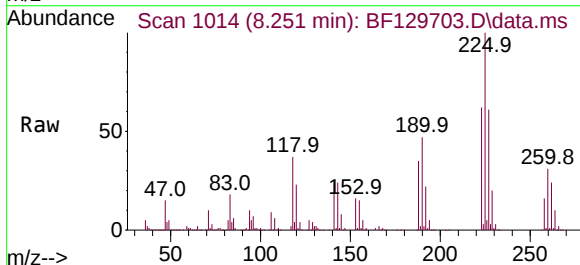
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

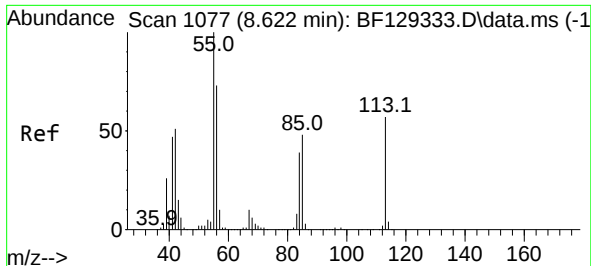


#34
Hexachlorobutadiene
Concen: 51.655 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:225 Resp: 310466

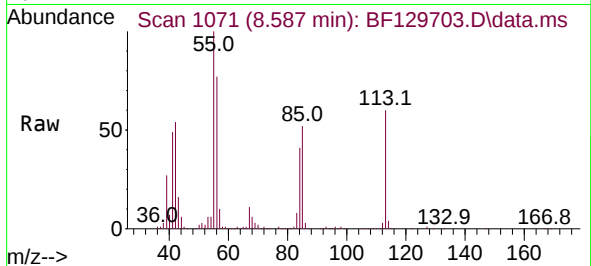
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	61.4	51.1	76.7





#35
Caprolactam
Concen: 46.039 ng m
RT: 8.587 min Scan# 1077
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

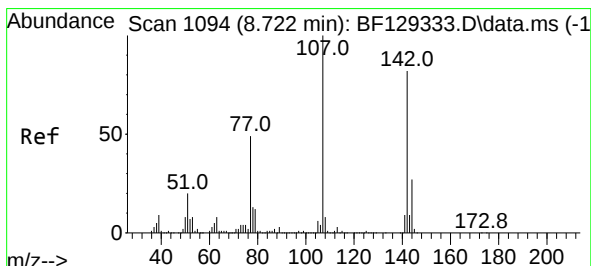
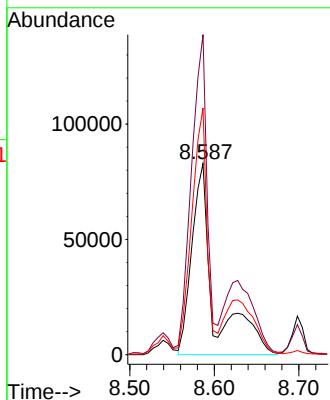
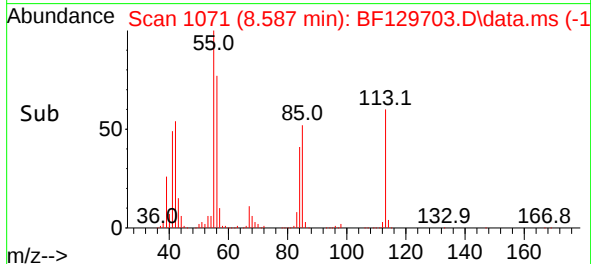
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:113 Resp: 152901
Ion Ratio Lower Upper
113 100
55 167.4 188.5 228.5
56 128.9 130.6 170.6

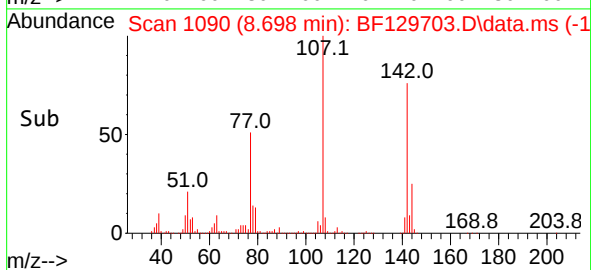
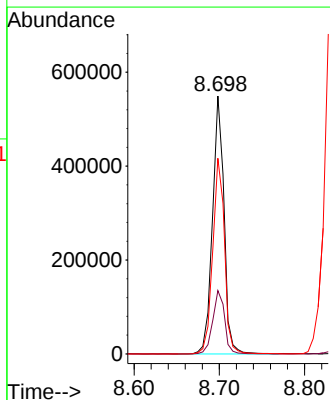
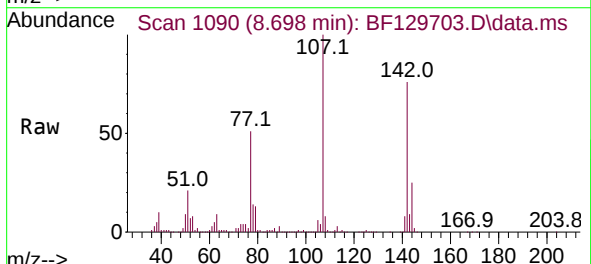
Manual Integrations
APPROVED

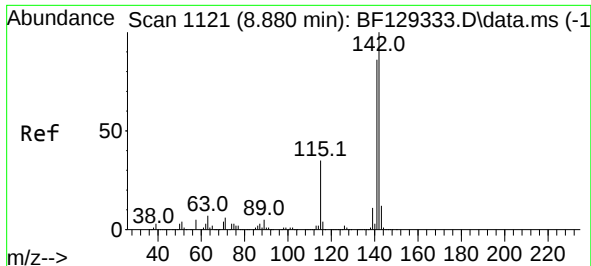
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#36
4-Chloro-3-methylphenol
Concen: 47.580 ng
RT: 8.698 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:107 Resp: 515504
Ion Ratio Lower Upper
107 100
144 24.6 19.5 29.3
142 75.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 47.522 ng

RT: 8.834 min Scan# 1113

Delta R.T. -0.018 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tgt Ion:142 Resp: 111243

Ion Ratio Lower Upper

142 100

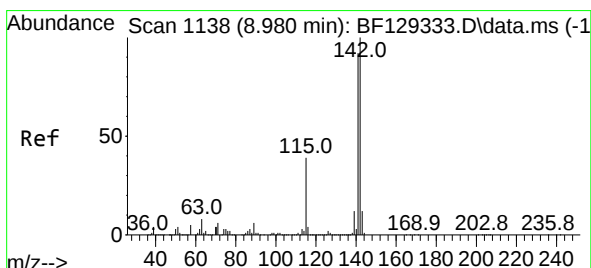
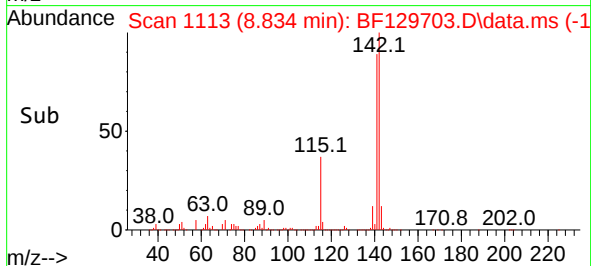
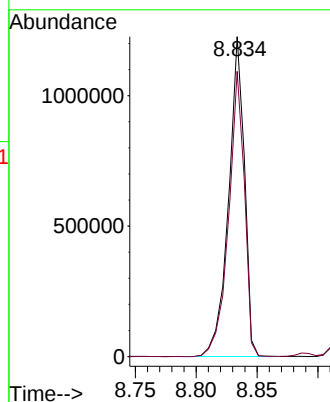
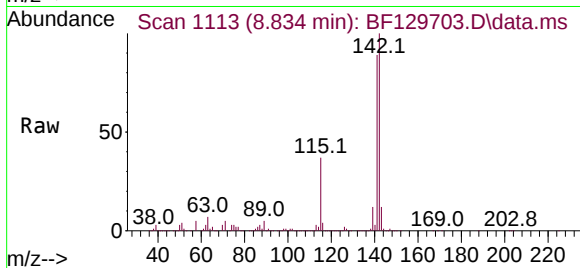
141 89.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/11/2022

Supervised By :Jagrut Upadhyay 08/11/2022



#38

1-Methylnaphthalene

Concen: 46.752 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.018 min

Lab File: BF129703.D

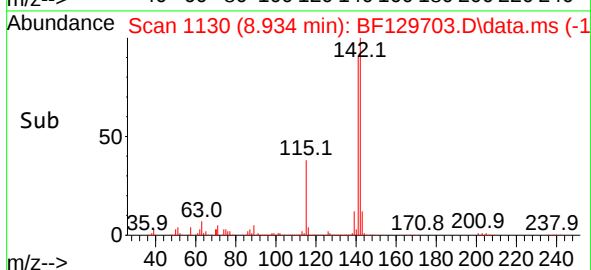
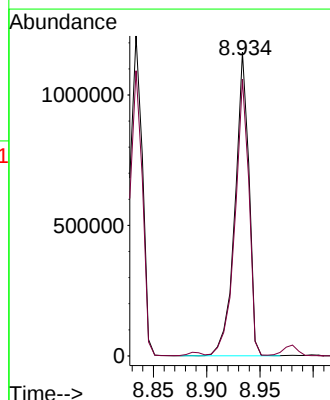
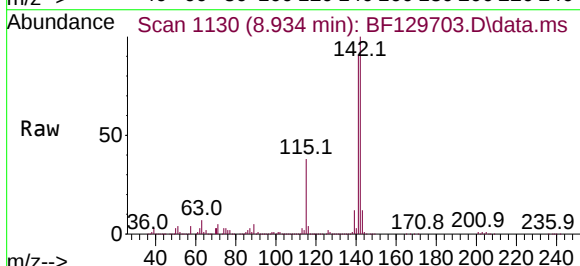
Acq: 10 Aug 2022 19:19

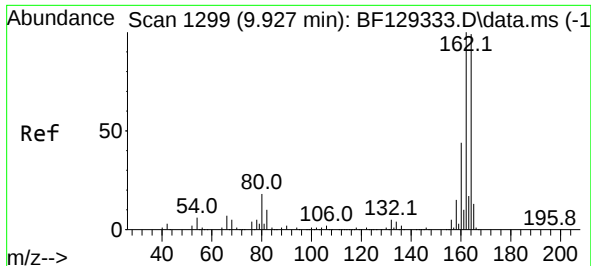
Tgt Ion:142 Resp: 1056489

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF129703.D

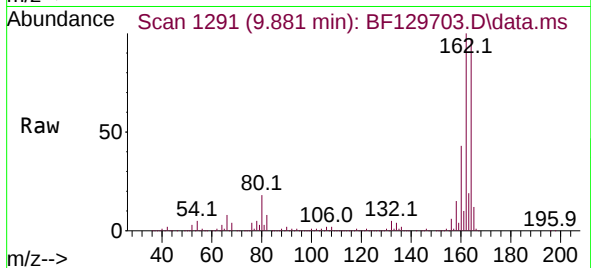
Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD



Tgt Ion:164 Resp: 34755

Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

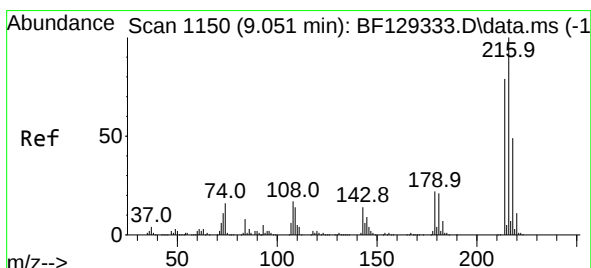
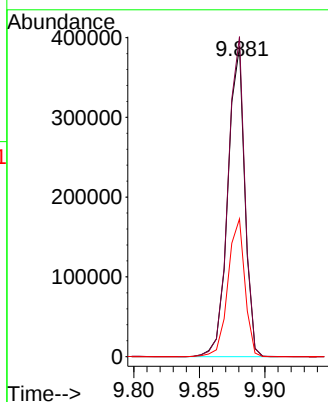
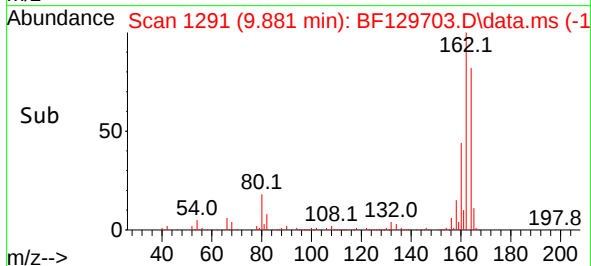
160 44.4 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/11/2022

Supervised By :Jagrut Upadhyay 08/11/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.407 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.018 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Tgt Ion:216 Resp: 496519

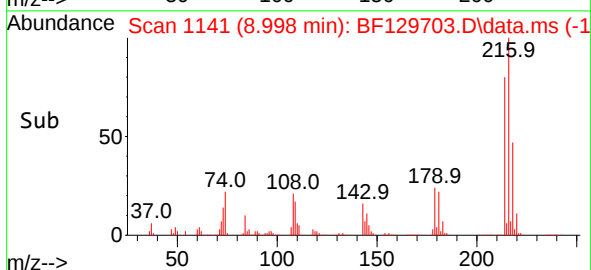
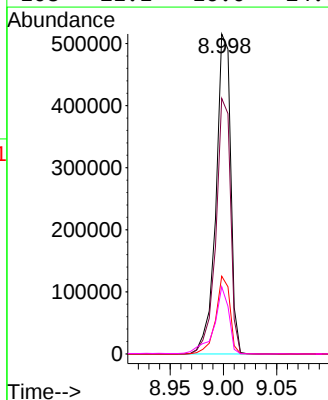
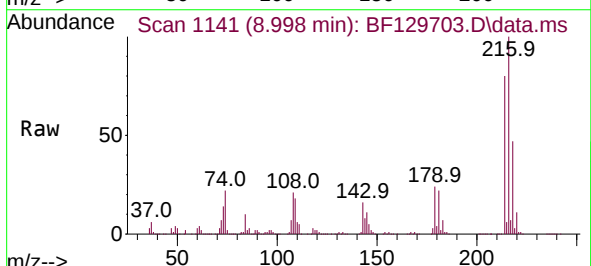
Ion Ratio Lower Upper

216 100

214 79.3 63.6 95.4

179 23.3 17.0 25.6

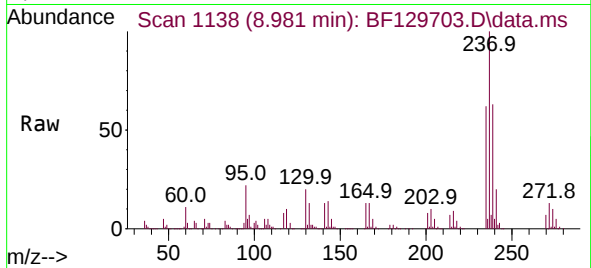
108 21.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 69.715 ng
RT: 8.981 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

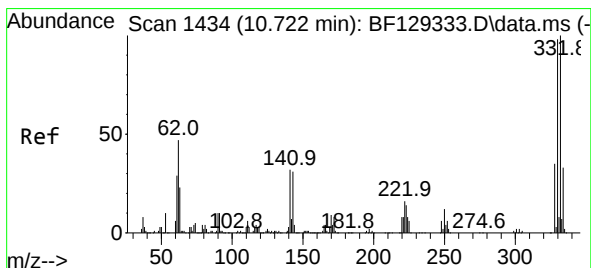
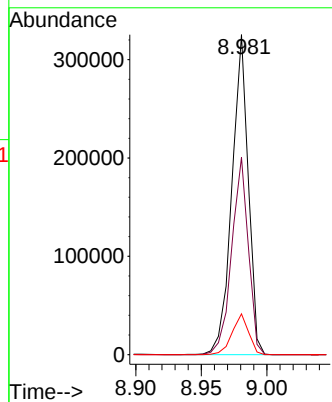
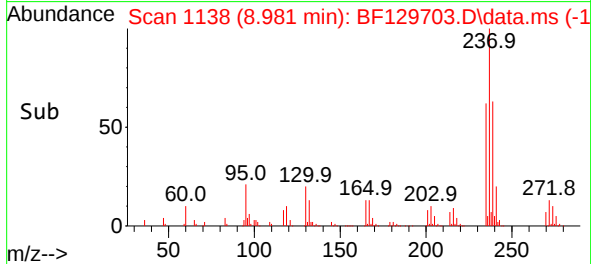
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion: 237 Resp: 283302
Ion Ratio Lower Upper
237 100
235 61.6 43.2 83.2
272 12.7 0.0 31.9

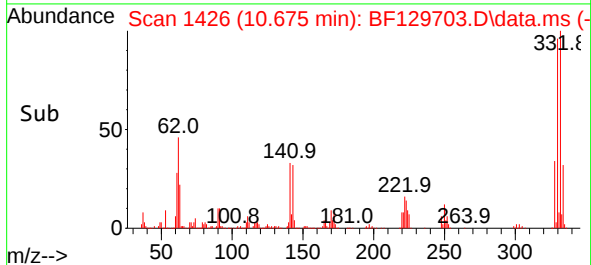
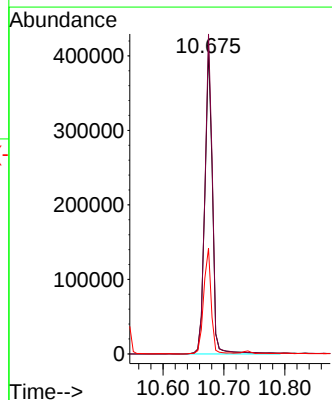
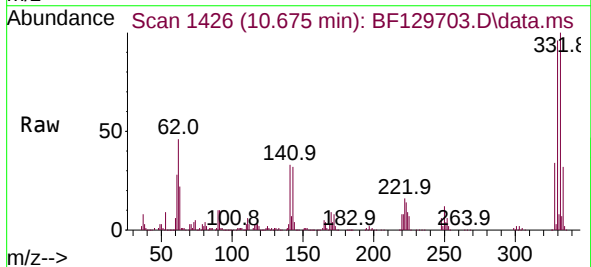
Manual Integrations
APPROVED

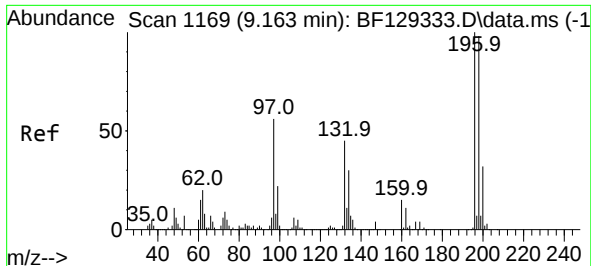
Reviewed By : Christian Giraldo 08/11/2022
Supervised By : Jagrut Upadhyay 08/11/2022



#42
2,4,6-Tribromophenol
Concen: 105.508 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion: 330 Resp: 352554
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 34.4 28.0 42.0





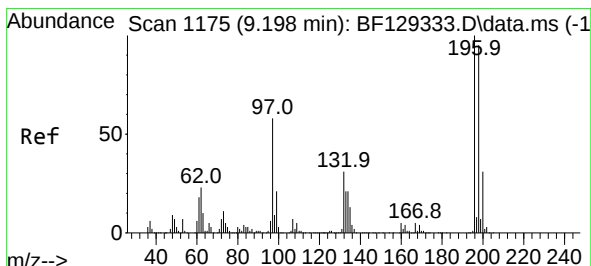
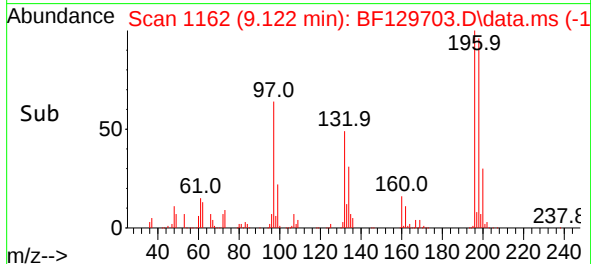
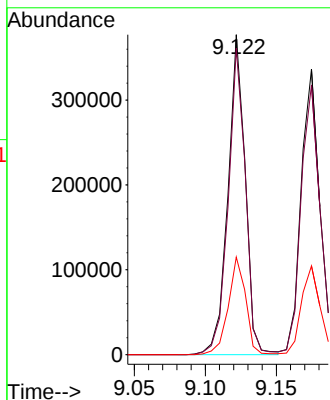
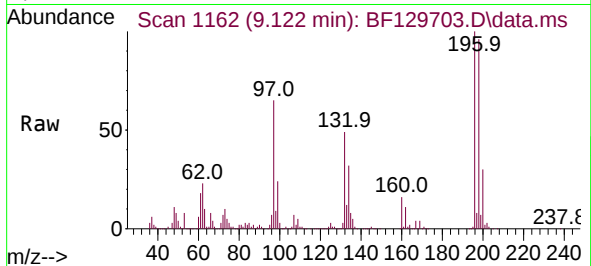
#43
2,4,6-Trichlorophenol
Concen: 48.194 ng
RT: 9.122 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion:196 Resp: 319446
Ion Ratio Lower Upper
196 100
198 95.7 74.0 111.0
200 30.5 24.1 36.1

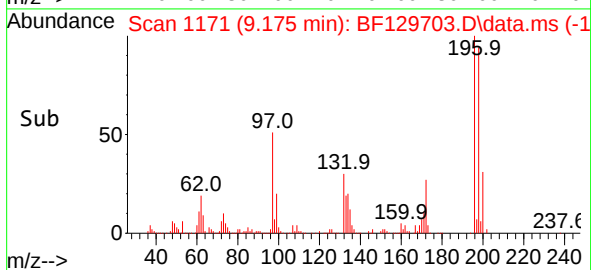
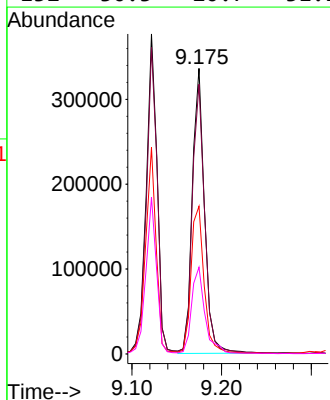
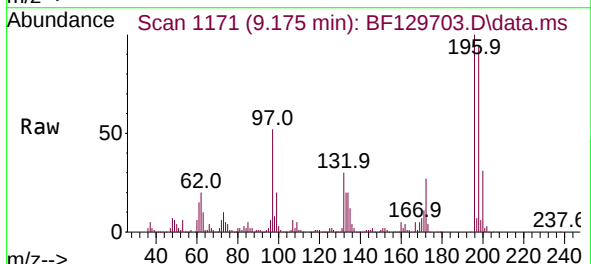
Manual Integrations
APPROVED

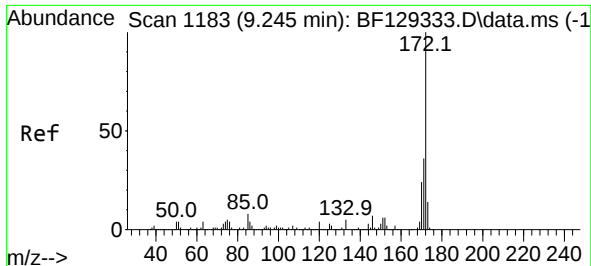
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#44
2,4,5-Trichlorophenol
Concen: 44.087 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

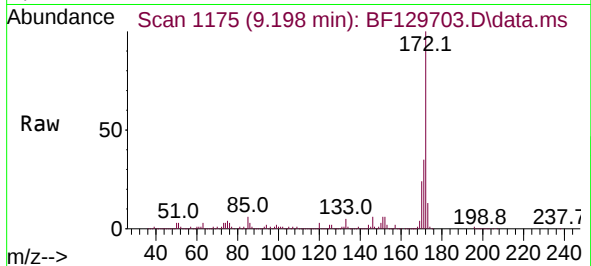
Tgt Ion:196 Resp: 317786
Ion Ratio Lower Upper
196 100
198 94.4 75.7 113.5
97 51.7 36.4 54.6
132 30.3 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 67.265 ng
RT: 9.198 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

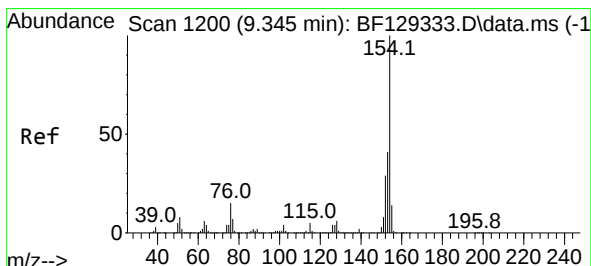
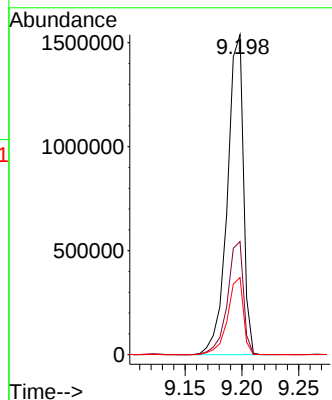
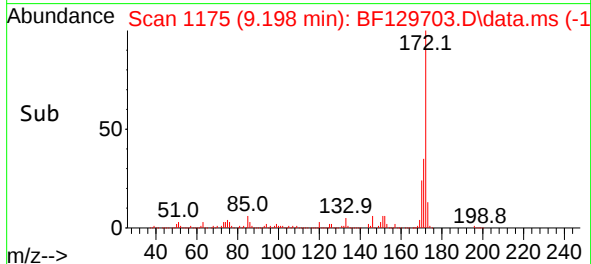
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



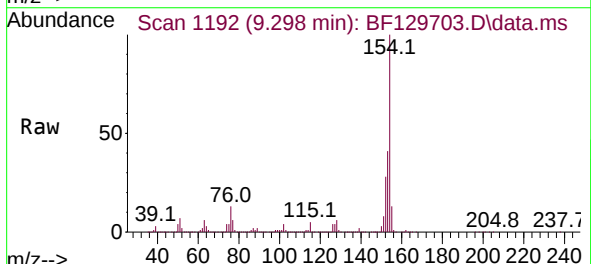
Tgt Ion:172 Resp: 1511256
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations
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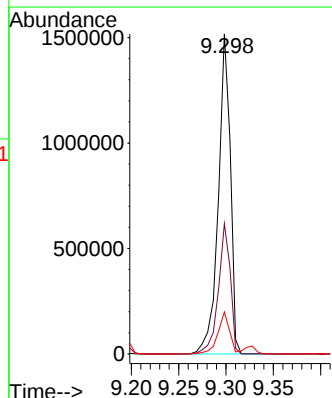
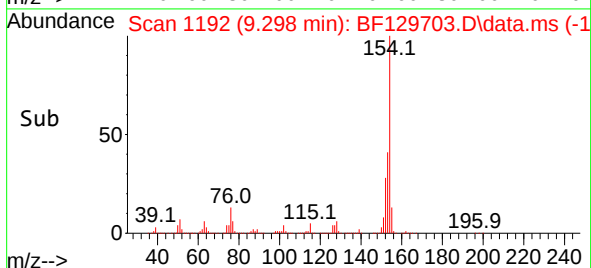
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

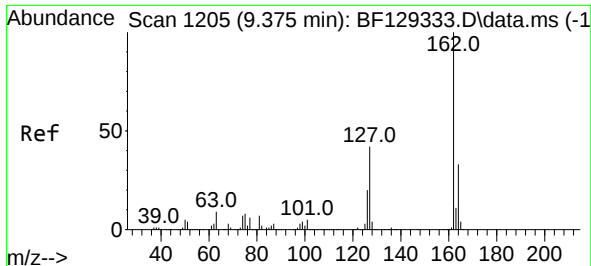


#46
1,1'-Biphenyl
Concen: 52.599 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



Tgt Ion:154 Resp: 1334148
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 13.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.889 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

Tgt Ion:162 Resp: 1022953

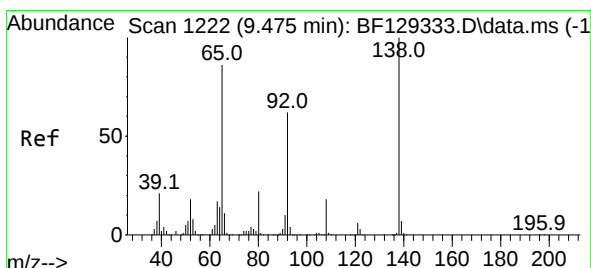
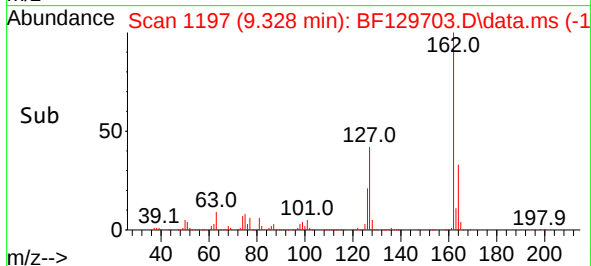
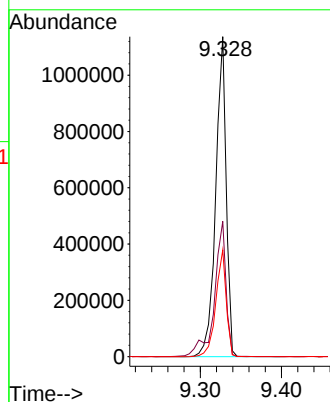
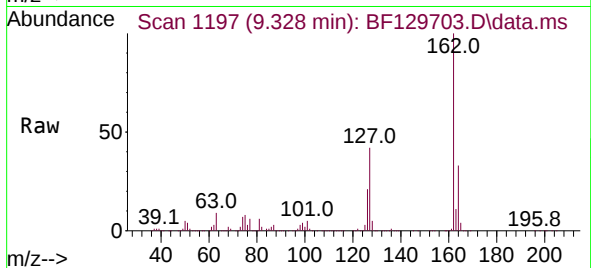
Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.5	51.7
164	33.3	26.5	39.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/11/2022

Supervised By :Jagrut Upadhyay 08/11/2022



#48

2-Nitroaniline

Concen: 47.306 ng

RT: 9.434 min Scan# 1215

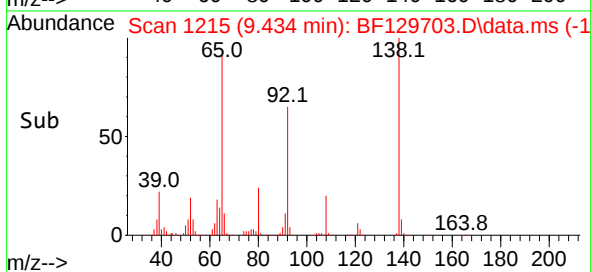
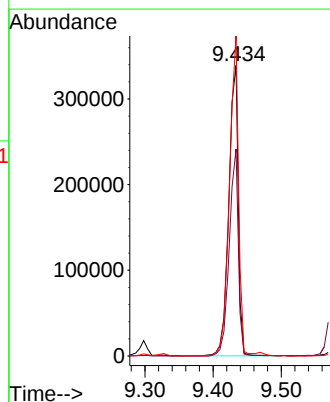
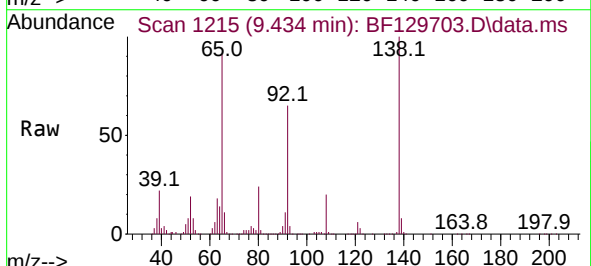
Delta R.T. -0.012 min

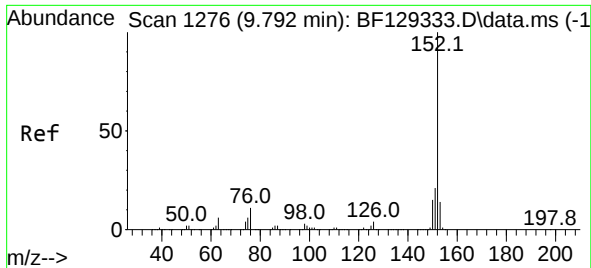
Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Tgt Ion: 65 Resp: 322545

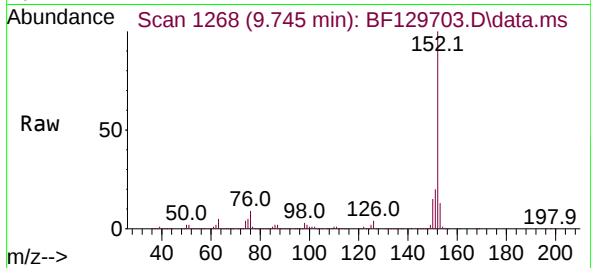
Ion	Ratio	Lower	Upper
65	100		
92	71.2	51.9	77.9
138	110.1	76.4	114.6





#49
Acenaphthylene
Concen: 48.060 ng
RT: 9.745 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

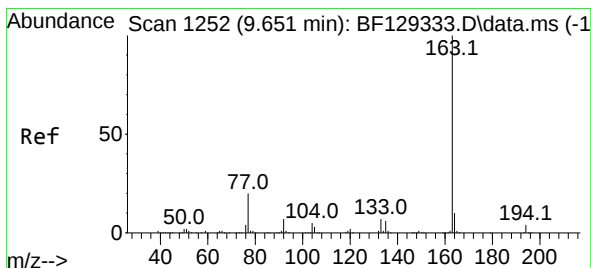
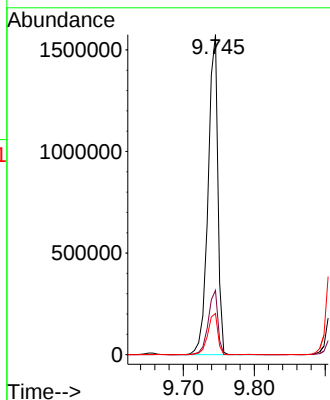
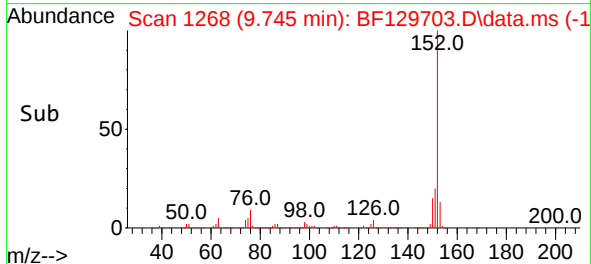
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



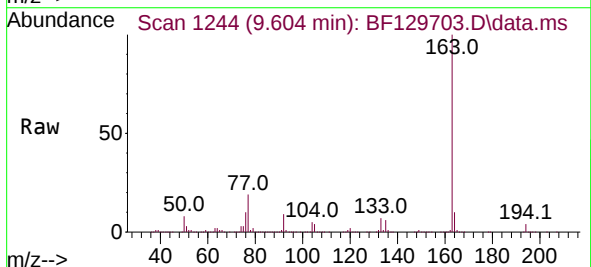
Tgt Ion:152 Resp: 1497405
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.8 10.7 16.1

Manual Integrations
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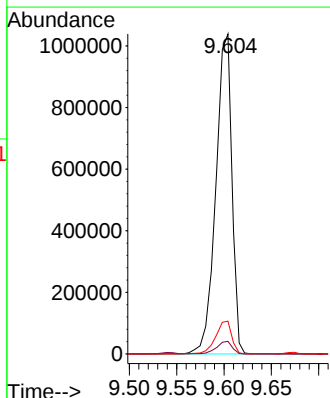
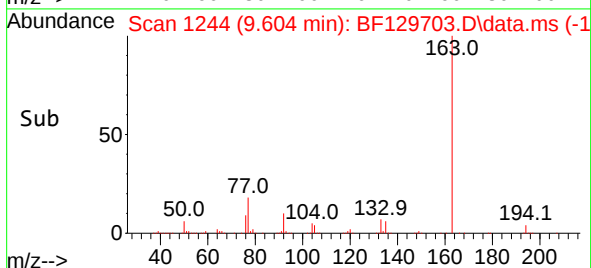
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

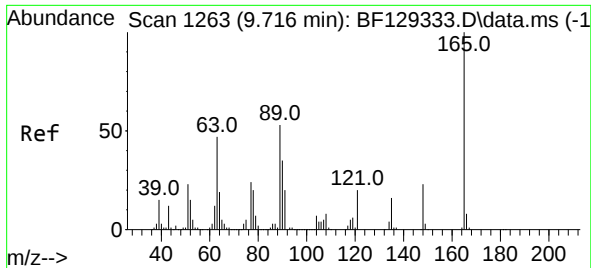


#50
Dimethylphthalate
Concen: 50.980 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



Tgt Ion:163 Resp: 1223159
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





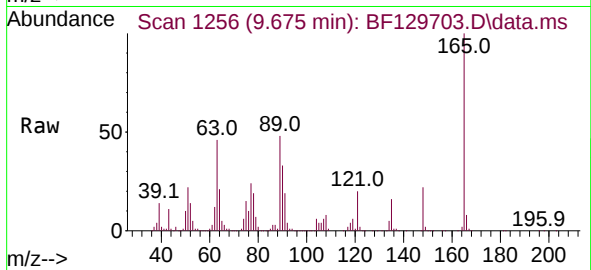
#51
2,6-Dinitrotoluene
Concen: 49.325 ng
RT: 9.675 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

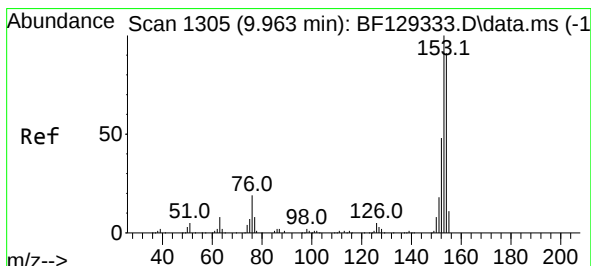
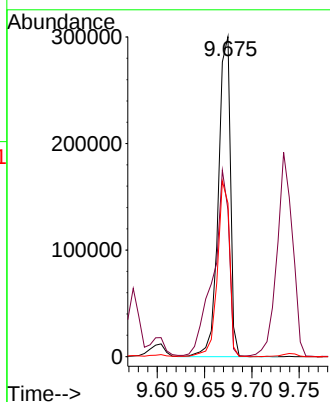
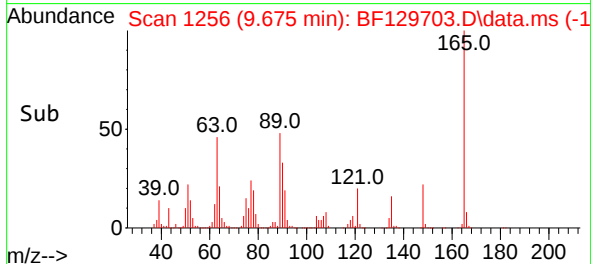


Tgt Ion:165 Resp: 264876
Ion Ratio Lower Upper
165 100
63 45.8 44.9 67.3
89 47.9 43.6 65.4

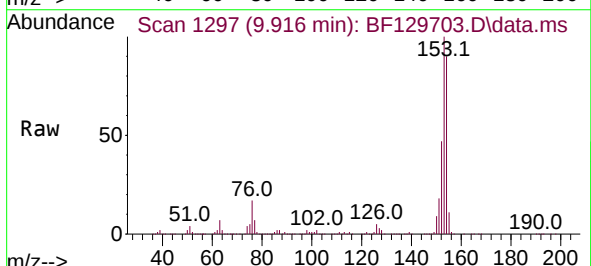
Manual Integrations

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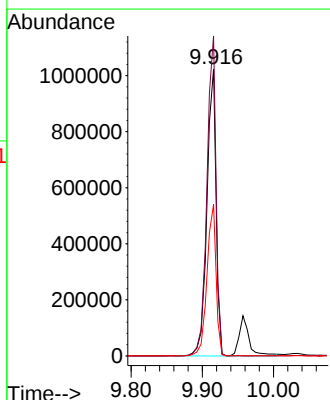
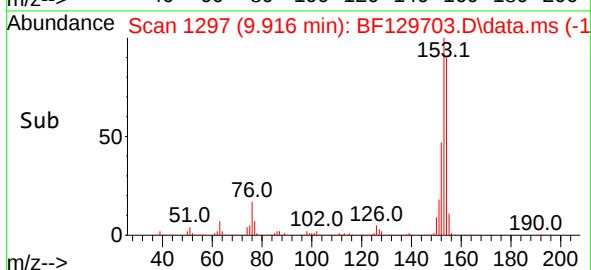
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

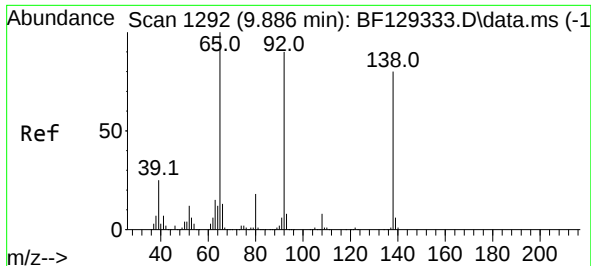


#52
Acenaphthene
Concen: 51.171 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



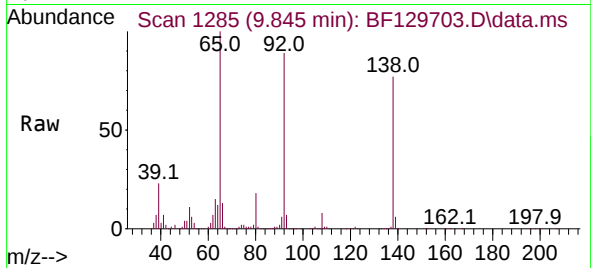
Tgt Ion:154 Resp: 1041329
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 33.395 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

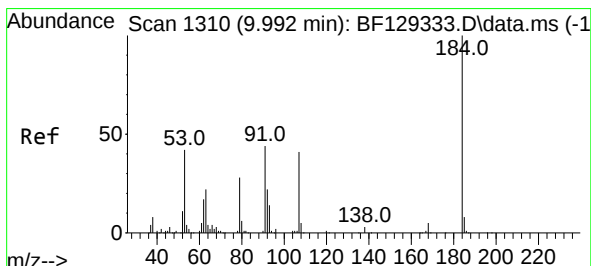
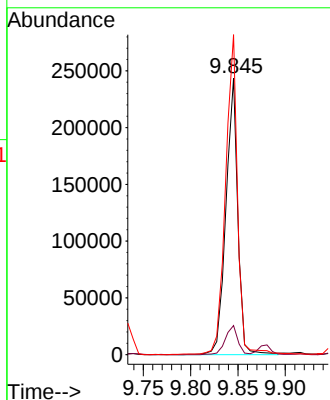
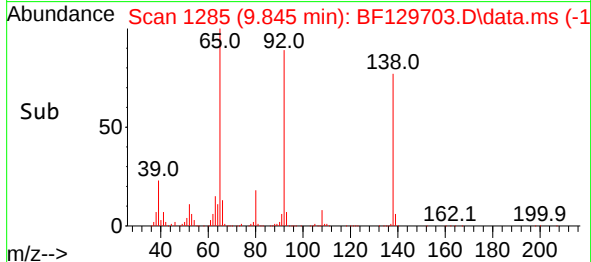
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:138 Resp: 211766
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 115.7 98.2 147.2

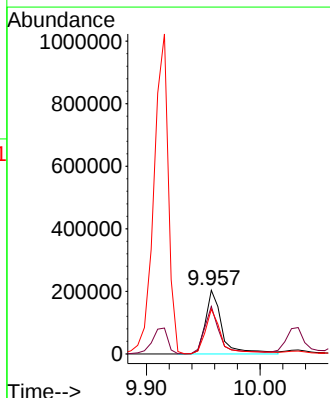
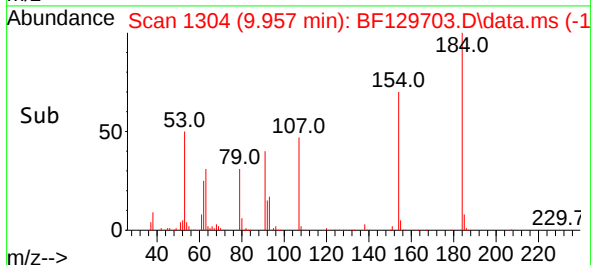
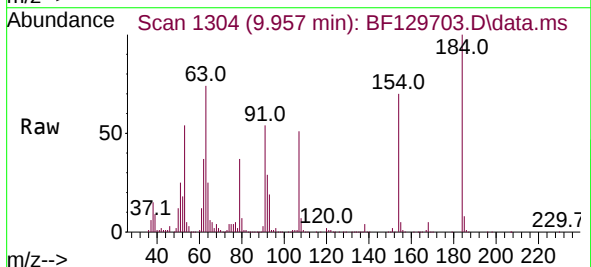
Manual Integrations
APPROVED

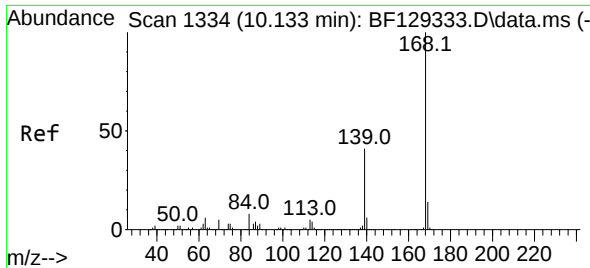
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#54
2,4-Dinitrophenol
Concen: 74.817 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

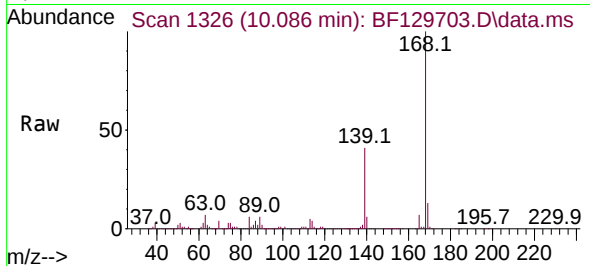
Tgt Ion:184 Resp: 205104
Ion Ratio Lower Upper
184 100
63 74.5 64.5 96.7
154 70.2 50.6 75.8





#55
Dibenzenofuran
Concen: 47.512 ng
RT: 10.086 min Scan# 133284
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

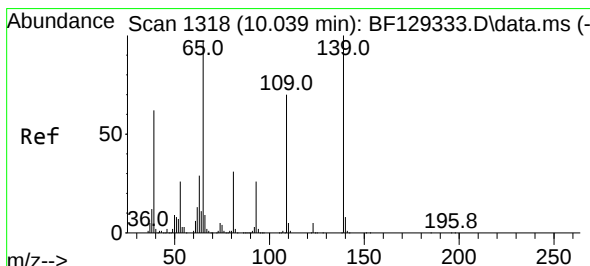
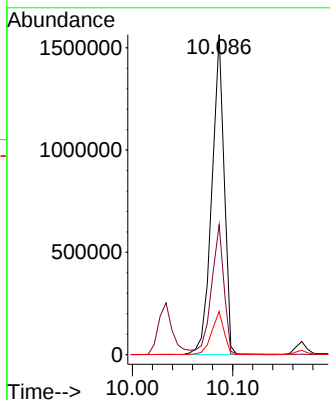
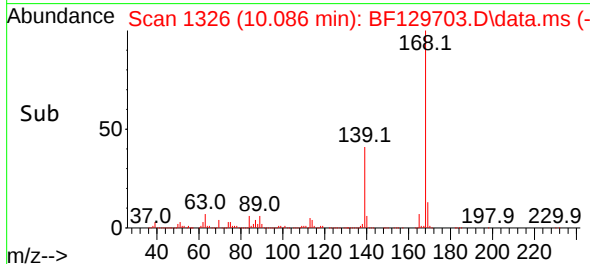
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:168 Resp: 133284
Ion Ratio Lower Upper
168 100
139 40.6 30.6 46.0
169 13.5 11.0 16.6

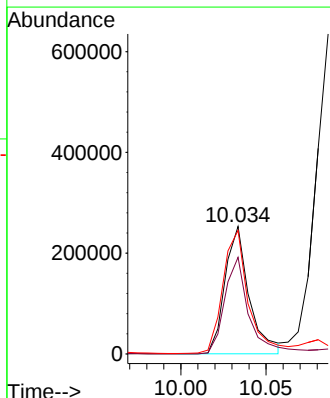
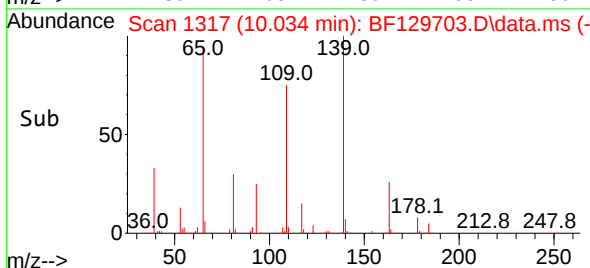
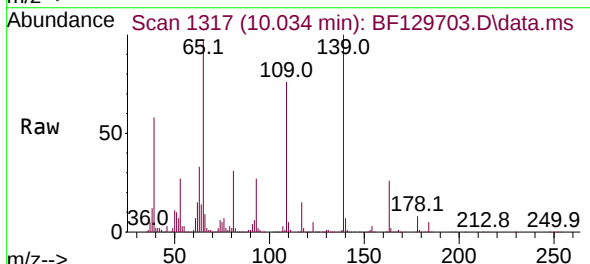
Manual Integrations
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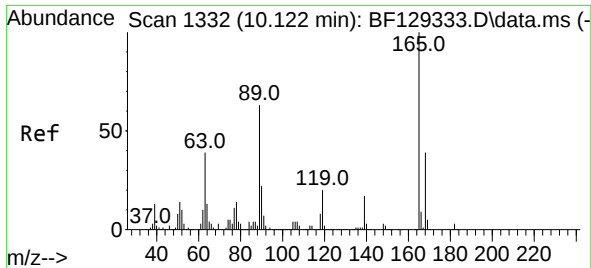
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#56
4-Nitrophenol
Concen: 53.310 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

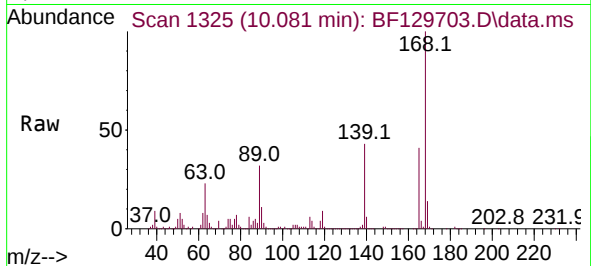
Tgt Ion:139 Resp: 249396
Ion Ratio Lower Upper
139 100
109 75.8 50.7 90.7
65 96.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 46.274 ng
RT: 10.081 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

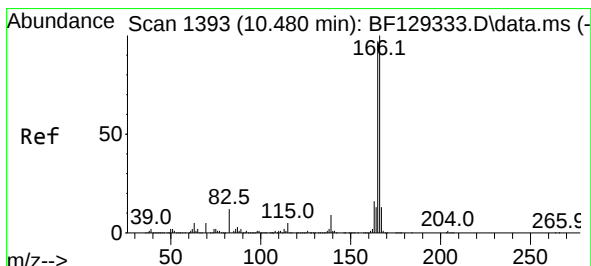
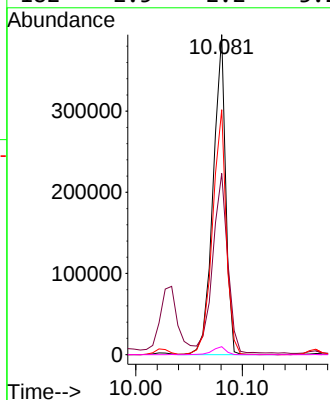
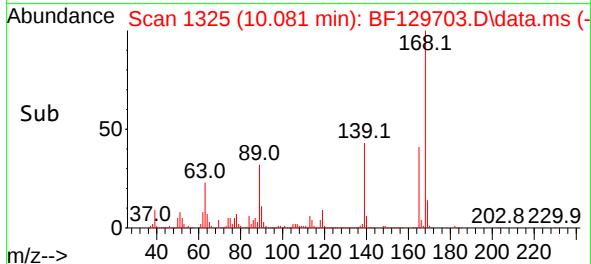
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



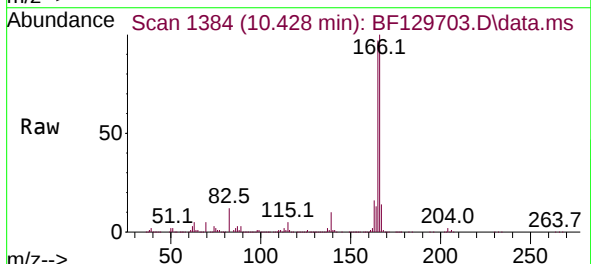
Tgt Ion:165 Resp: 324622
Ion Ratio Lower Upper
165 100
63 56.6 39.8 59.6
89 76.5 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
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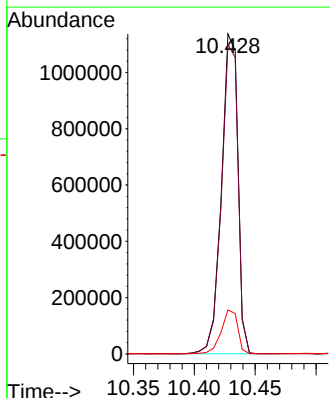
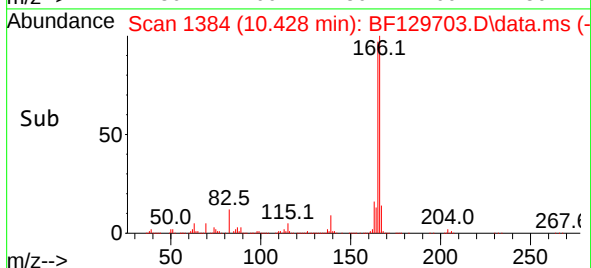
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

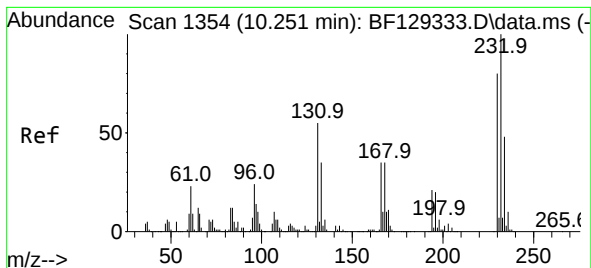


#58
Fluorene
Concen: 47.645 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



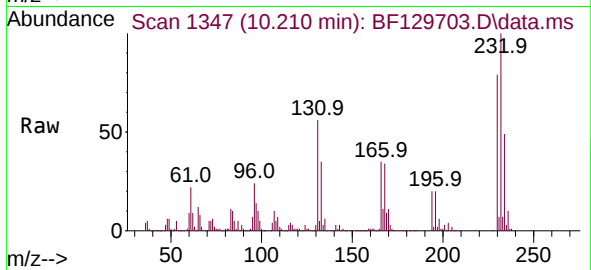
Tgt Ion:166 Resp: 1069418
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.628 ng
RT: 10.210 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

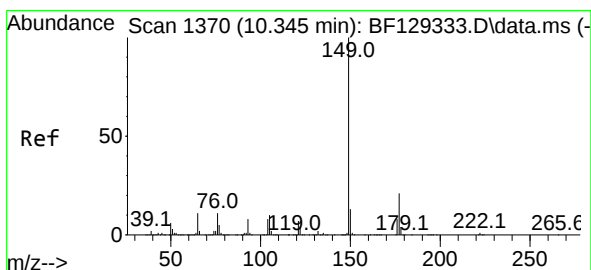
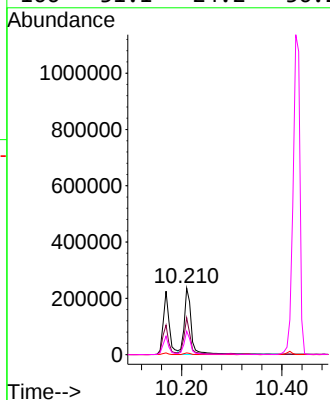
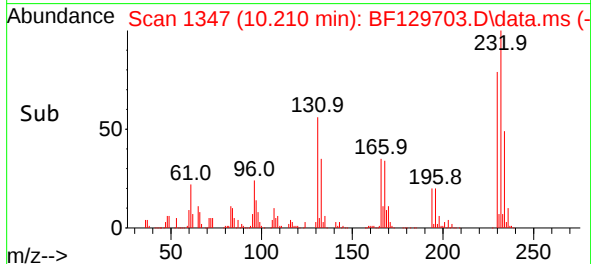
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



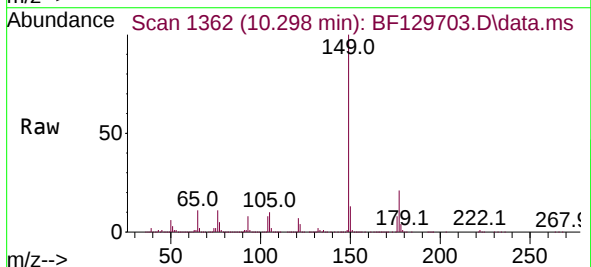
Tgt Ion:232 Resp: 231883
Ion Ratio Lower Upper
232 100
131 48.0 36.1 54.1
130 2.3 1.8 2.8
166 31.1 24.2 36.2

Manual Integrations
APPROVED

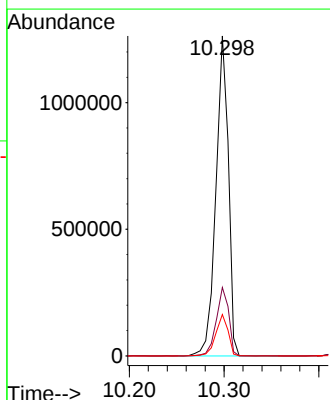
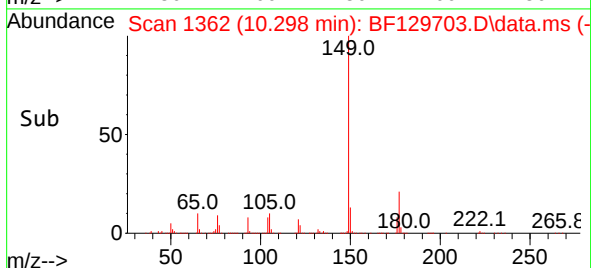
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

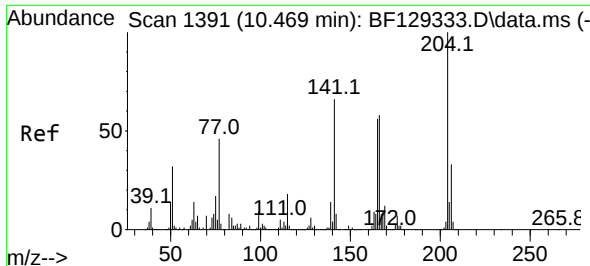


#60
Diethylphthalate
Concen: 49.600 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



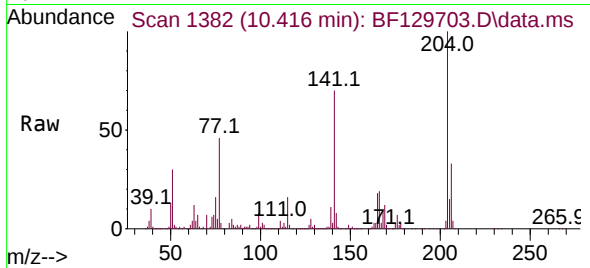
Tgt Ion:149 Resp: 1150406
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.525 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

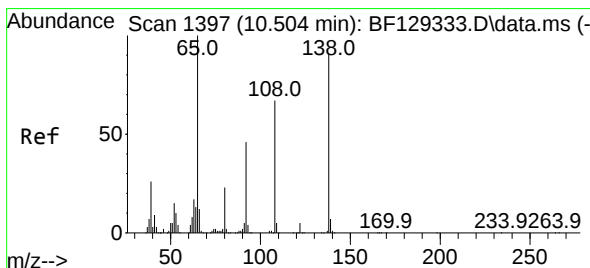
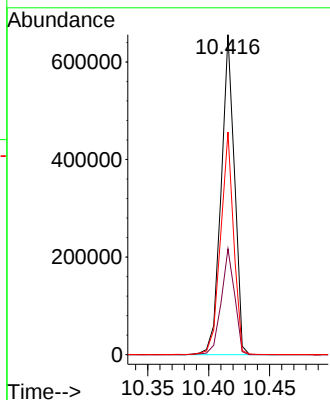
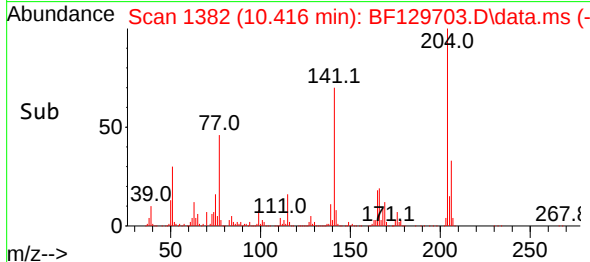
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:204 Resp: 499968
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 69.5 47.0 70.4

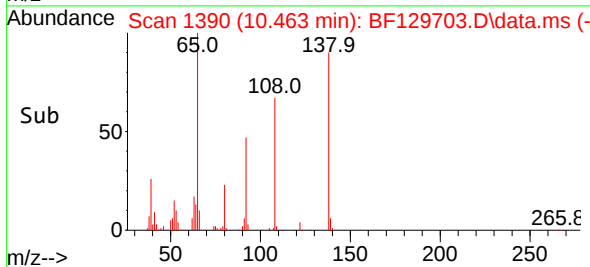
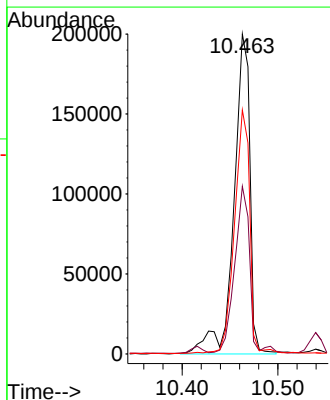
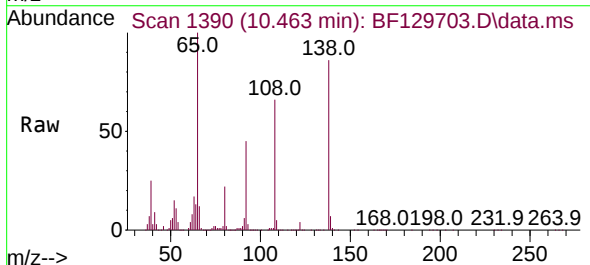
Manual Integrations
APPROVED

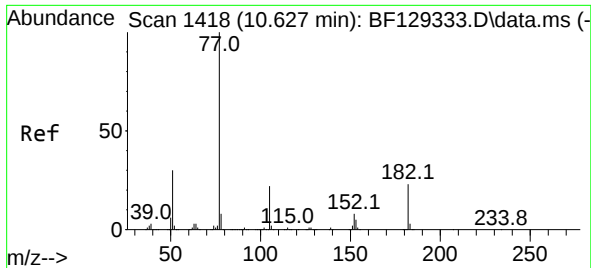
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#62
4-Nitroaniline
Concen: 37.058 ng m
RT: 10.463 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:138 Resp: 233112
Ion Ratio Lower Upper
138 100
92 52.4 33.5 73.5
108 76.2 61.0 101.0





#63
Azobenzene
Concen: 44.973 ng
RT: 10.581 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

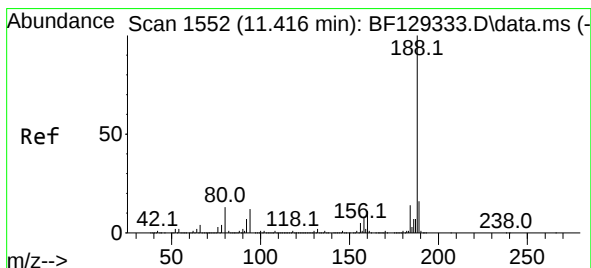
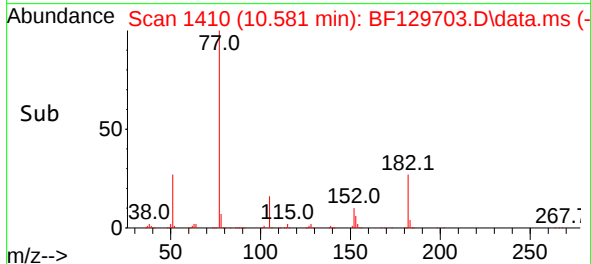
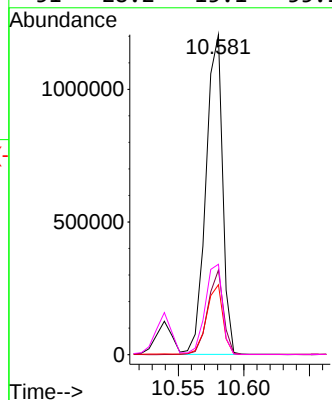
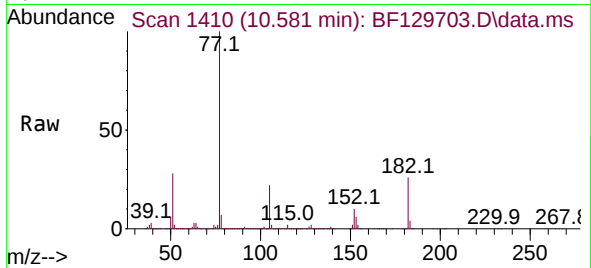
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion: 77 Resp: 1063905

Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.6	45.6
105	21.8	1.6	41.6
51	28.2	15.1	55.1

Manual Integrations
APPROVED

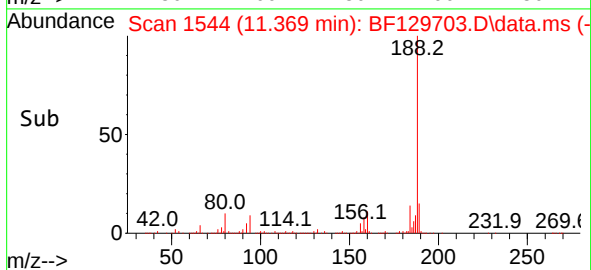
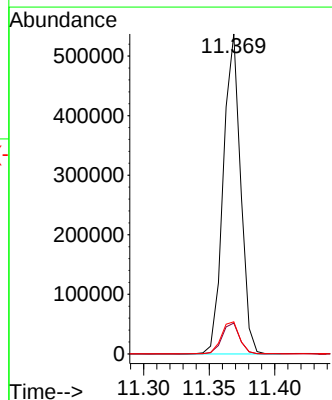
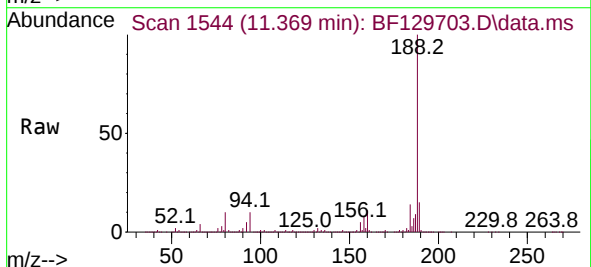
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

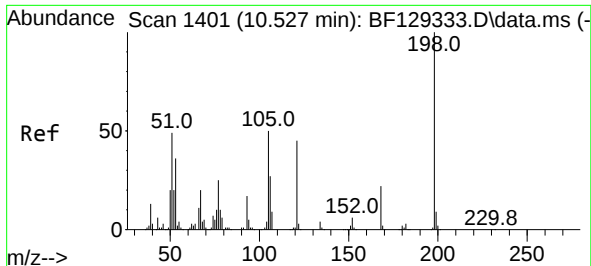


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion:188 Resp: 493025

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	10.0	7.6	11.4





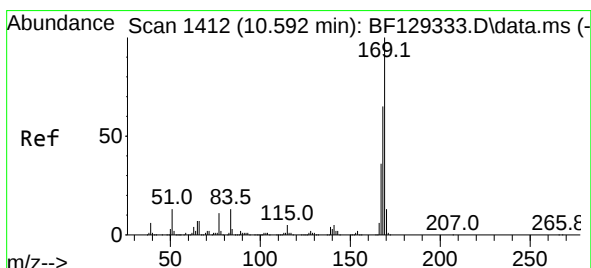
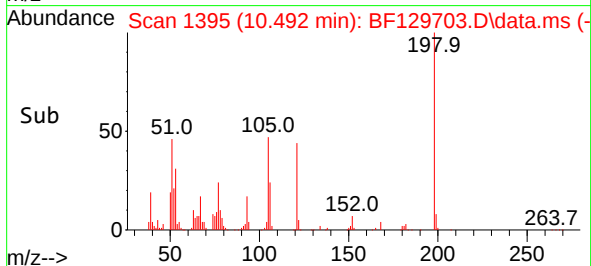
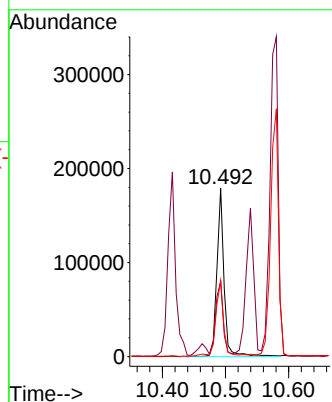
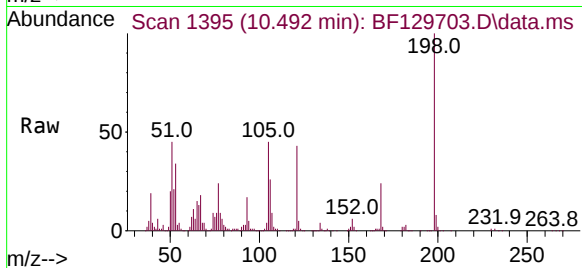
#65
4,6-Dinitro-2-methylphenol
Concen: 45.899 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion:198 Resp: 142831
Ion Ratio Lower Upper
198 100
51 44.7 37.6 77.6
105 45.1 27.0 67.0

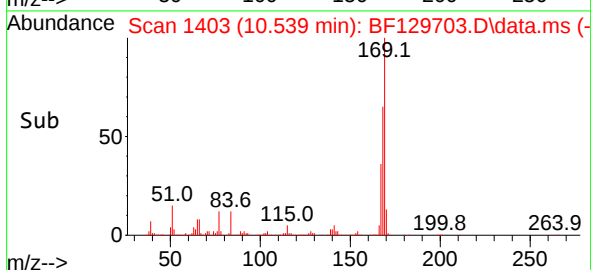
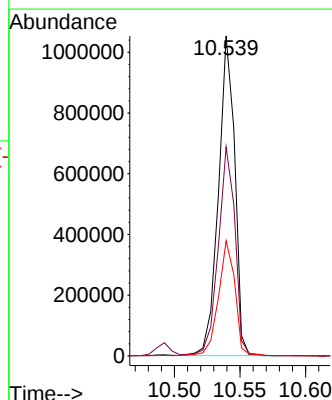
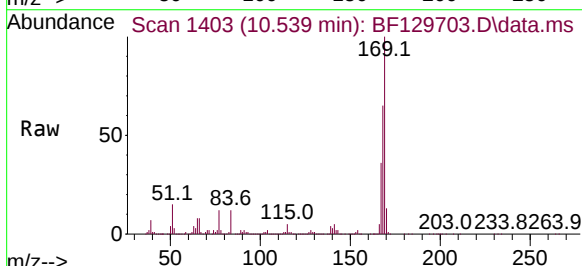
Manual Integrations
APPROVED

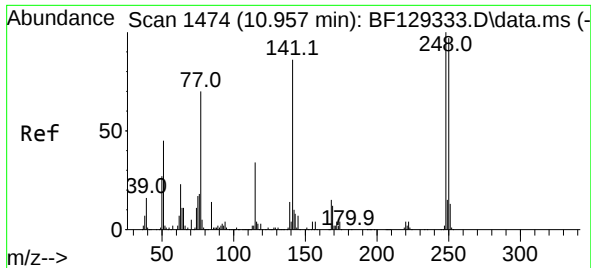
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#66
n-Nitrosodiphenylamine
Concen: 55.614 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

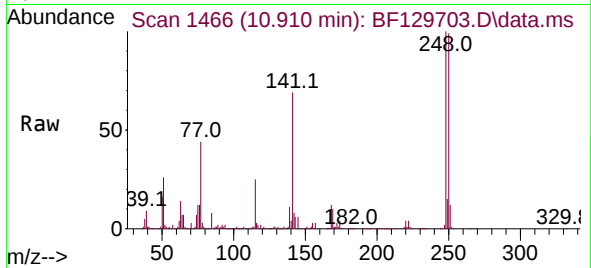
Tgt Ion:169 Resp: 913114
Ion Ratio Lower Upper
169 100
168 65.3 50.1 75.1
167 36.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 57.461 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

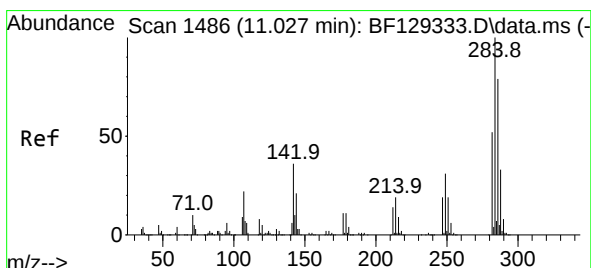
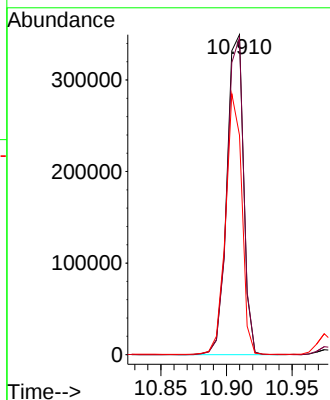
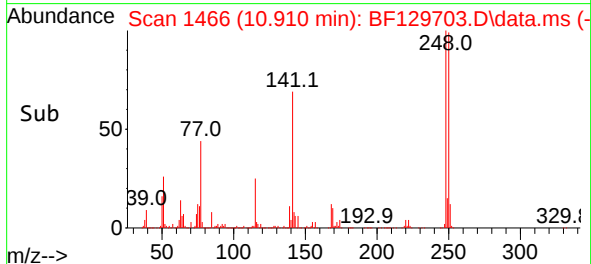
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



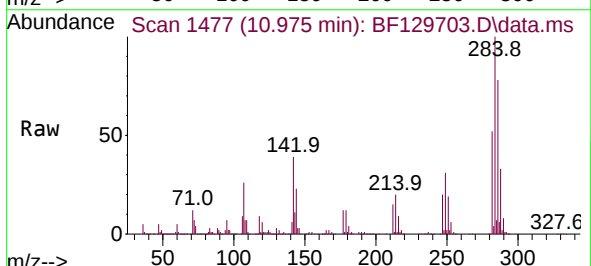
Tgt Ion:248 Resp: 310217
Ion Ratio Lower Upper
248 100
250 99.1 80.6 120.8
141 68.6 58.9 88.3

Manual Integrations
APPROVED

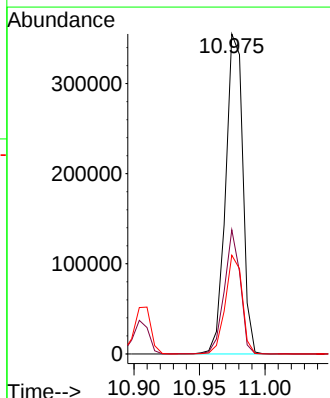
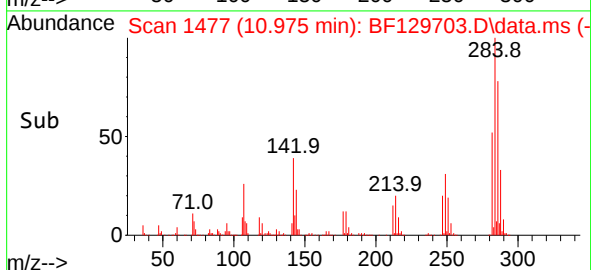
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

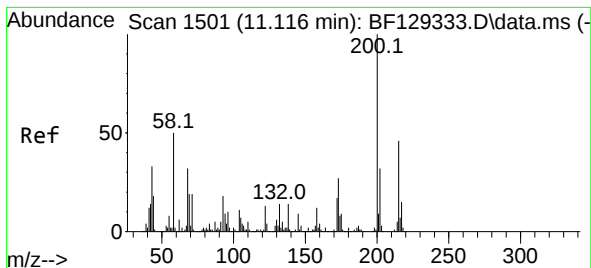


#68
Hexachlorobenzene
Concen: 55.449 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



Tgt Ion:284 Resp: 324360
Ion Ratio Lower Upper
284 100
142 38.8 29.0 43.4
249 30.8 25.0 37.6





#69

Atrazine

Concen: 57.319 ng

RT: 11.069 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF129703.D

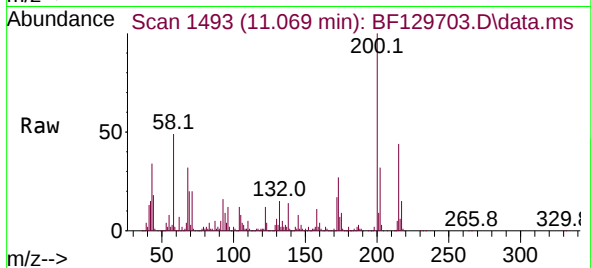
Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD



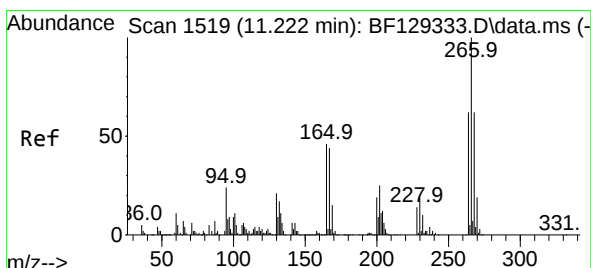
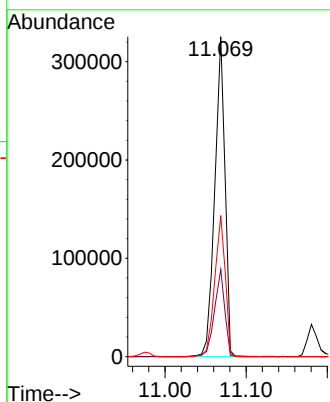
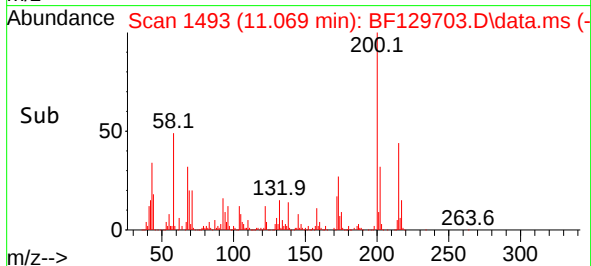
Tgt Ion:200 Resp: 28585

Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.3	46.3
215	44.1	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#70

Pentachlorophenol

Concen: 55.517 ng

RT: 11.181 min Scan# 1512

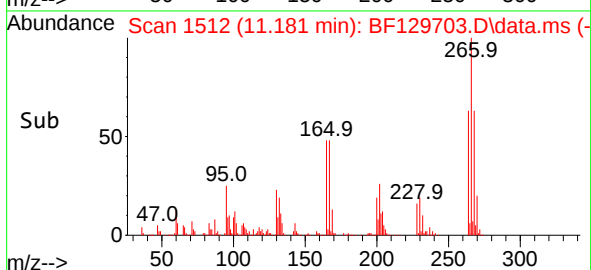
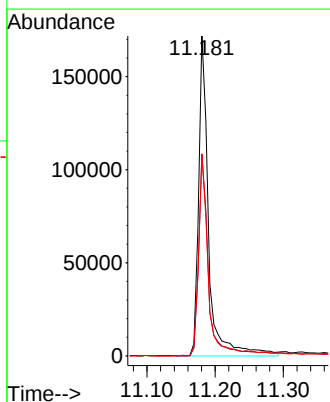
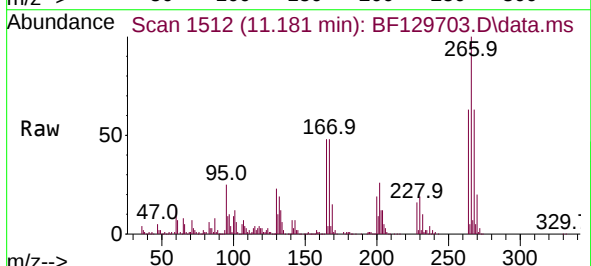
Delta R.T. -0.012 min

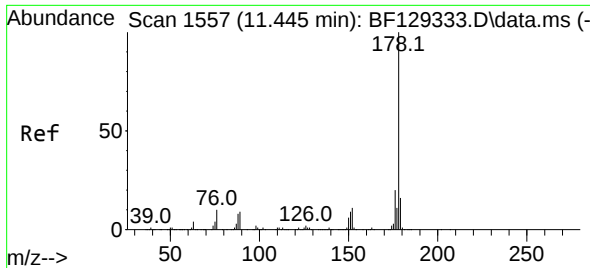
Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Tgt Ion:266 Resp: 176548

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.0	76.4
264	63.1	49.4	74.2





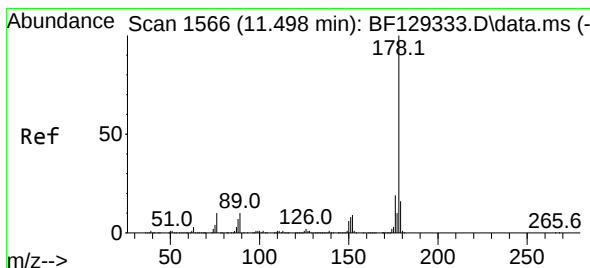
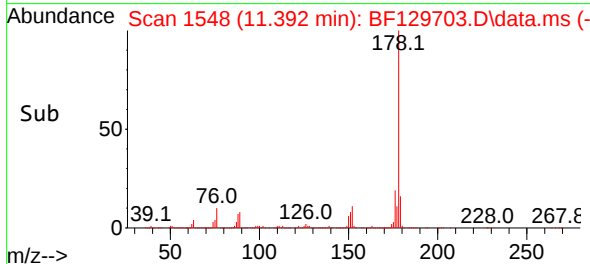
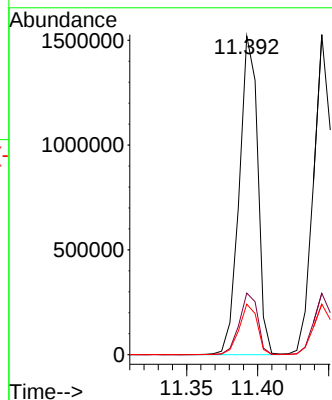
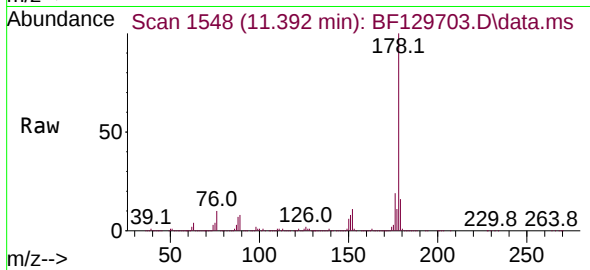
#71
Phenanthrene
Concen: 51.047 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Tgt Ion:178 Resp: 1373813
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.8 12.6 19.0

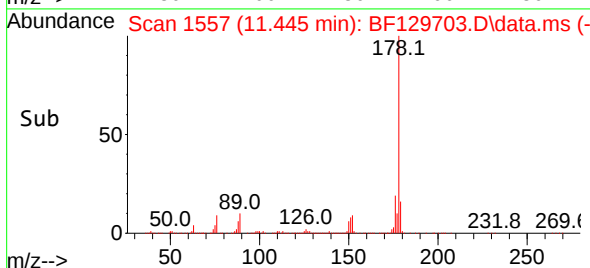
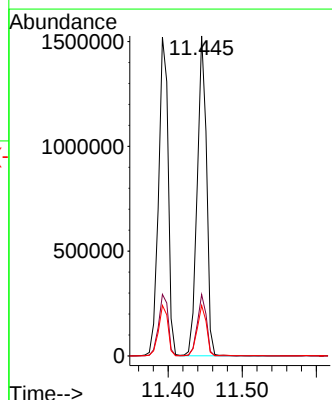
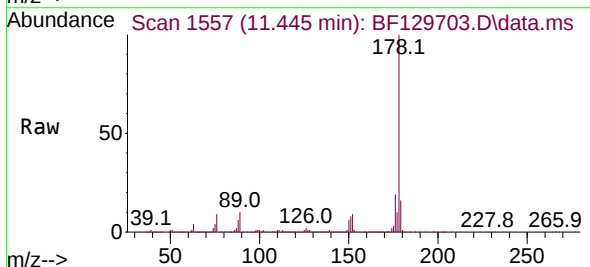
Manual Integrations
APPROVED

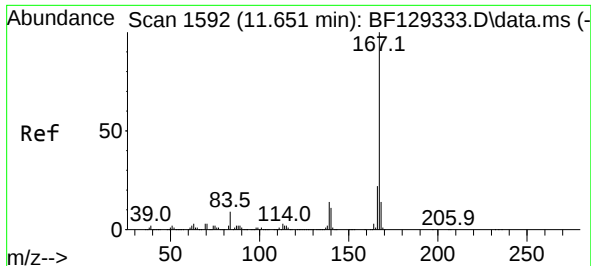
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#72
Anthracene
Concen: 50.660 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

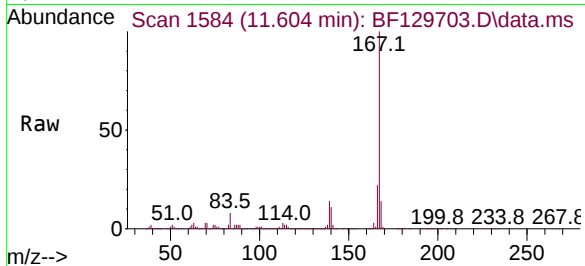
Tgt Ion:178 Resp: 1339831
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.6 19.0





#73
Carbazole
Concen: 45.302 ng
RT: 11.604 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

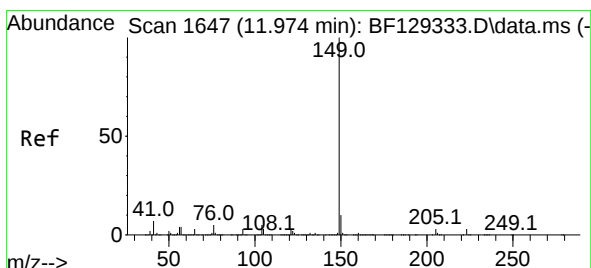
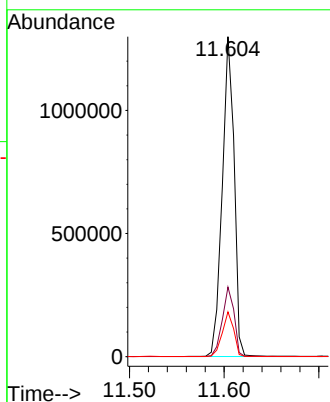
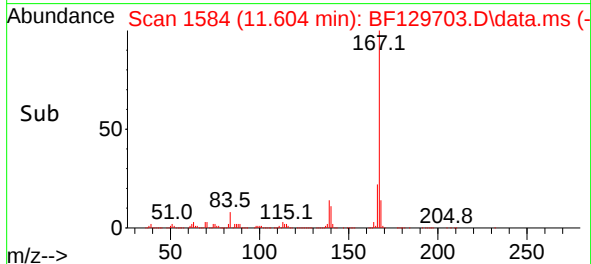
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



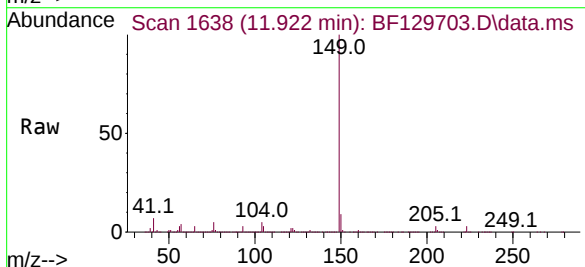
Tgt Ion:167 Resp: 1127865
Ion Ratio Lower Upper
167 100
166 21.7 17.7 26.5
139 14.0 11.2 16.8

Manual Integrations
APPROVED

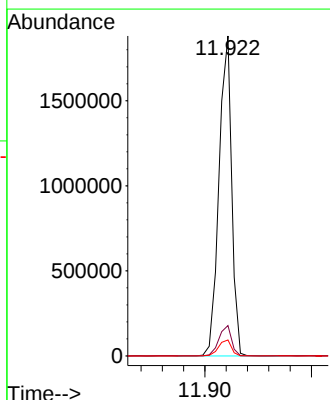
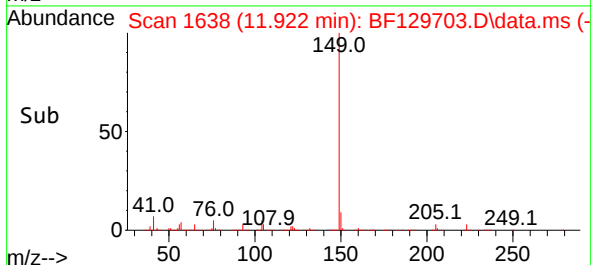
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

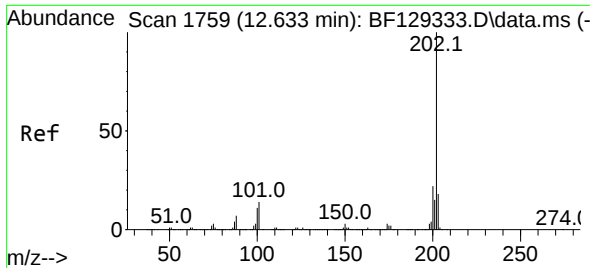


#74
Di-n-butylphthalate
Concen: 52.658 ng
RT: 11.922 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



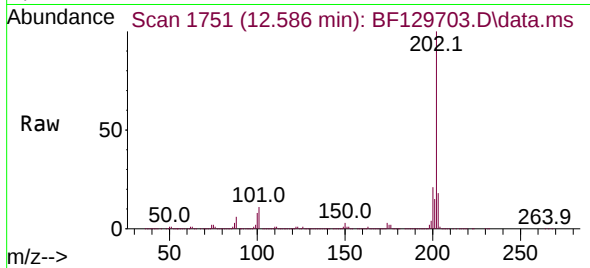
Tgt Ion:149 Resp: 1561227
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 44.730 ng
RT: 12.586 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

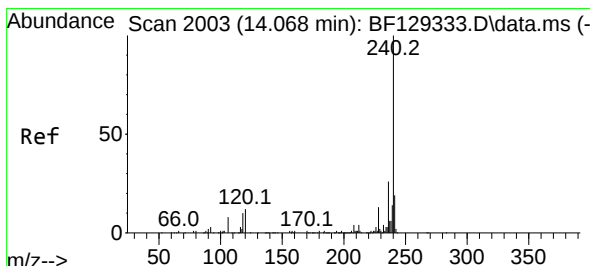
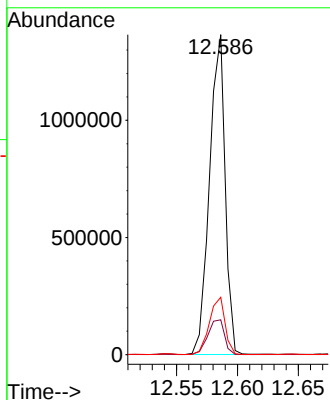
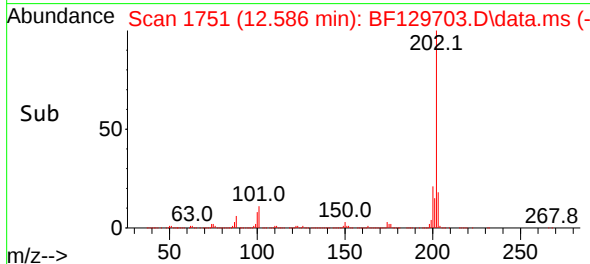
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



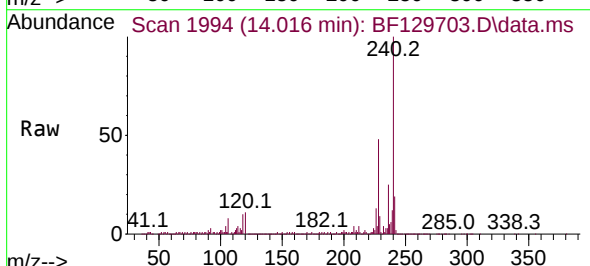
Tgt Ion:202 Resp: 1219728
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
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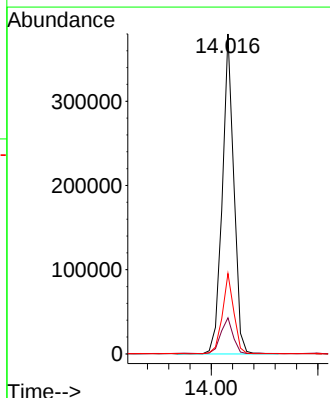
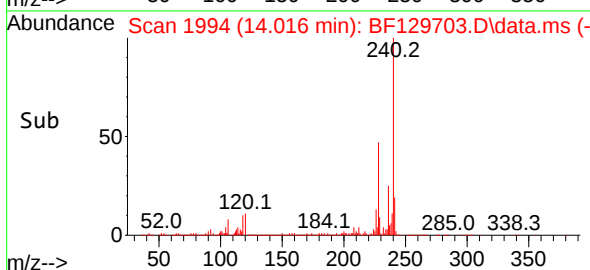
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

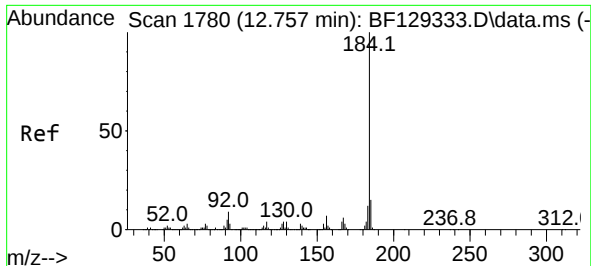


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



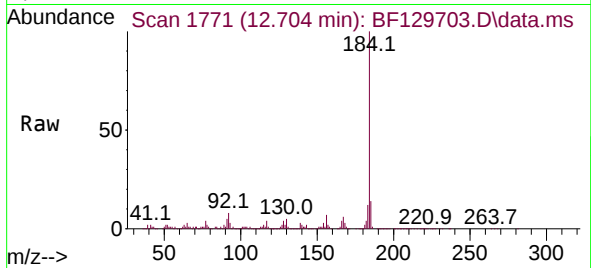
Tgt Ion:240 Resp: 286748
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.1 20.8 31.2





#77
Benzidine
Concen: 27.079 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

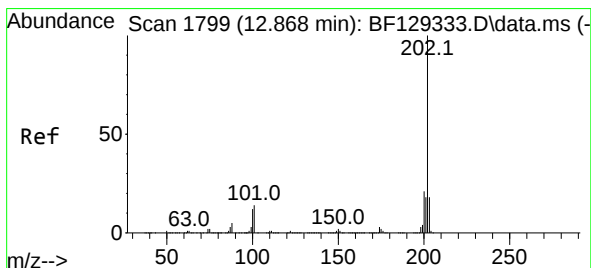
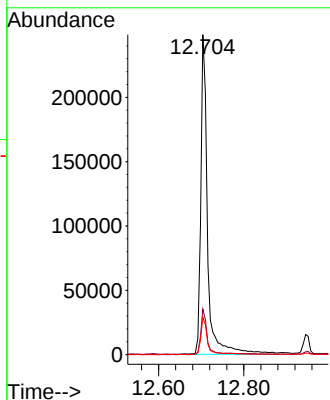
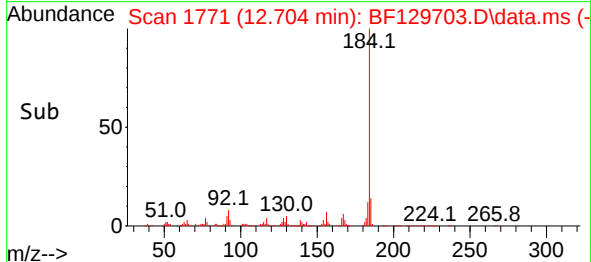
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



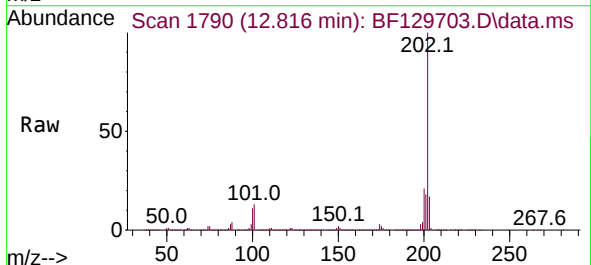
Tgt Ion:184 Resp: 274315
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.6 9.3 13.9

Manual Integrations
APPROVED

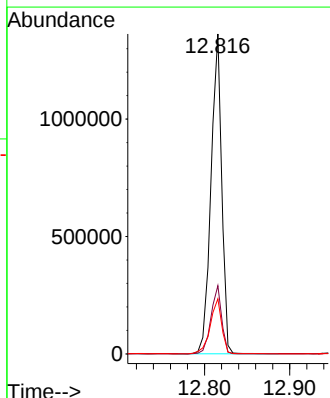
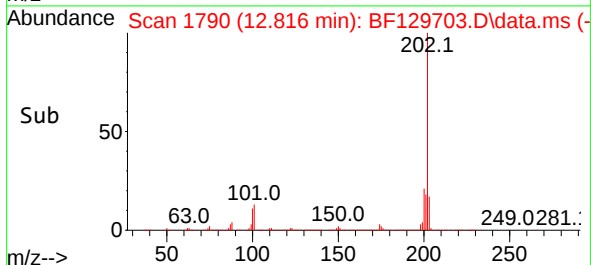
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

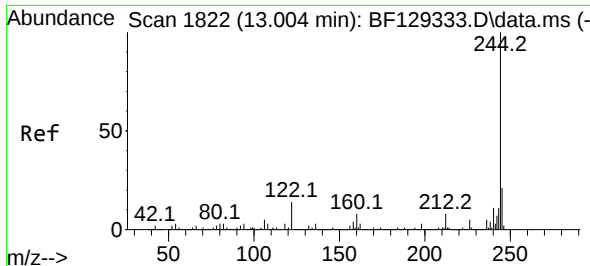


#78
Pyrene
Concen: 49.622 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



Tgt Ion:202 Resp: 1189864
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.2 14.6 21.8





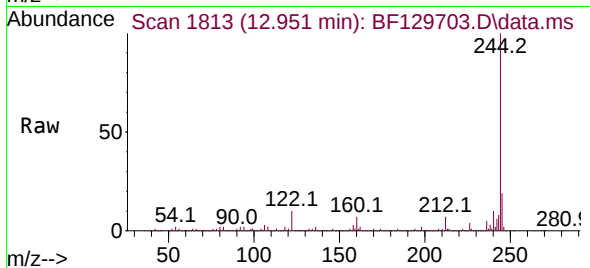
#79
Terphenyl-d14
Concen: 63.584 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

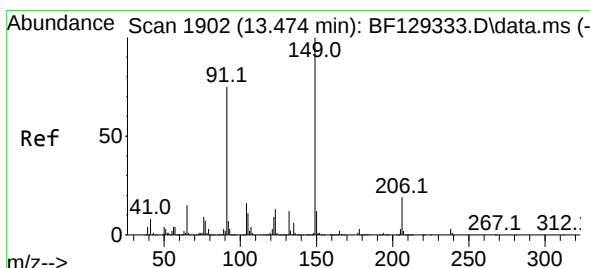
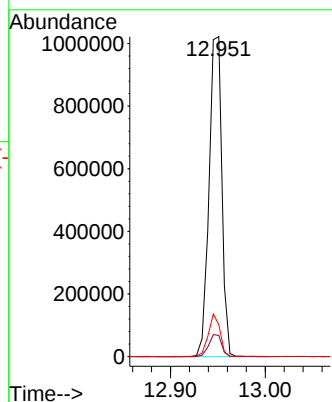
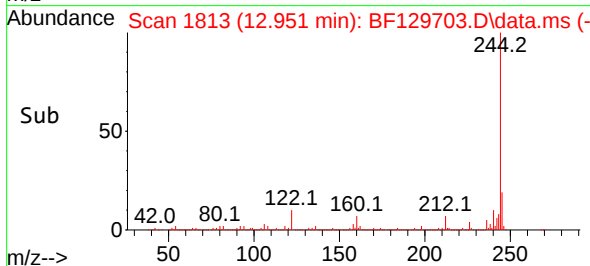


Tgt Ion:244 Resp: 966439
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 10.0 8.8 13.2

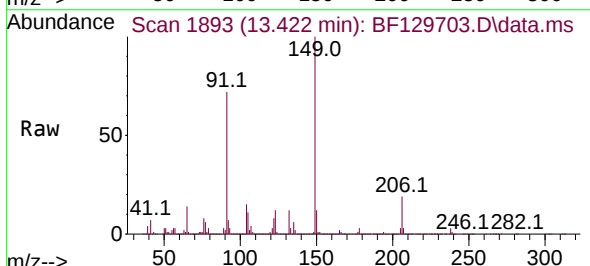
Manual Integrations

APPROVED

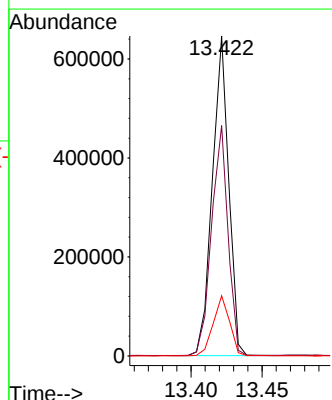
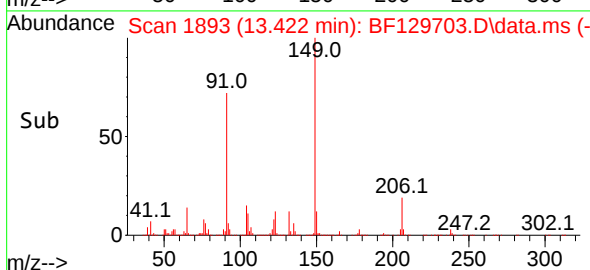
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

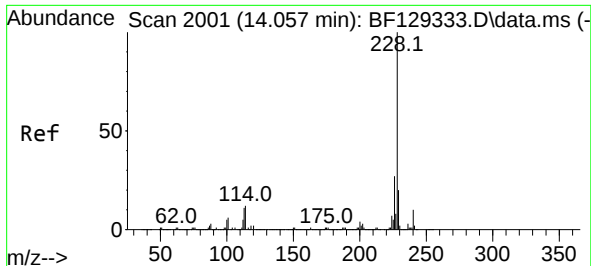


#80
Butylbenzylphthalate
Concen: 49.759 ng
RT: 13.422 min Scan# 1893
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



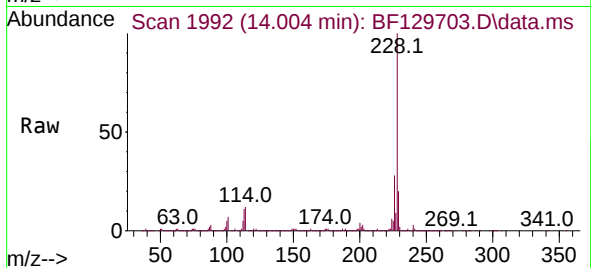
Tgt Ion:149 Resp: 517528
Ion Ratio Lower Upper
149 100
91 72.0 61.2 91.8
206 18.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 49.950 ng
RT: 14.004 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

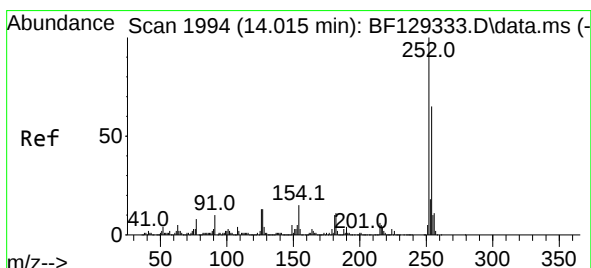
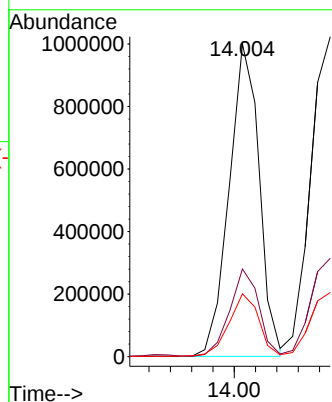
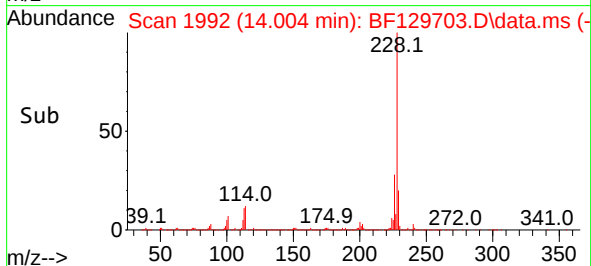
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:228 Resp: 978405
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.1 15.8 23.8

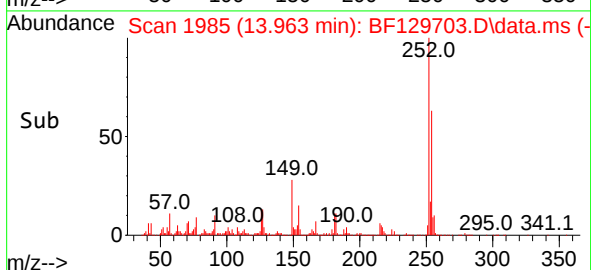
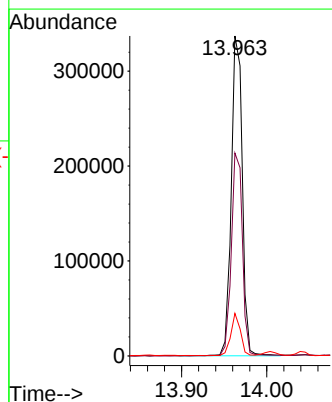
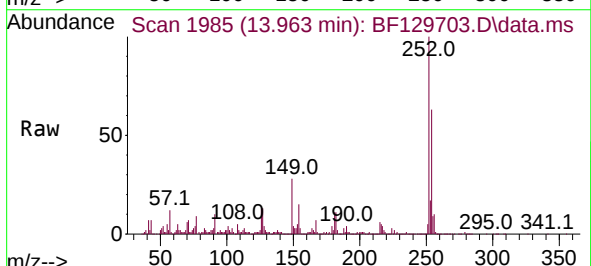
Manual Integrations
APPROVED

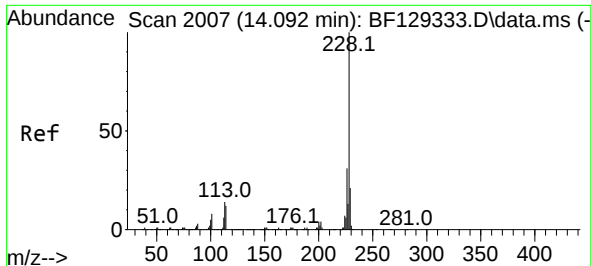
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 46.521 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

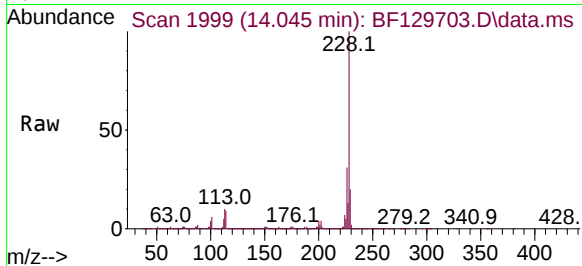
Tgt Ion:252 Resp: 300863
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.4
126 13.3 8.2 12.4





#83
Chrysene
Concen: 49.440 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

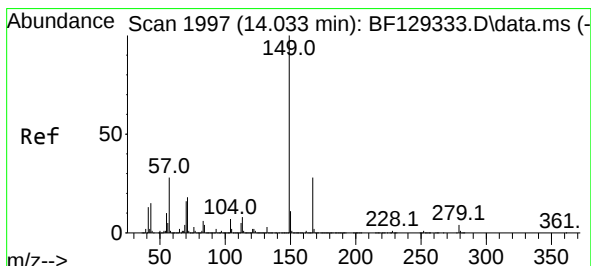
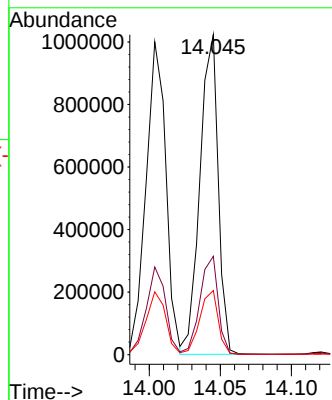
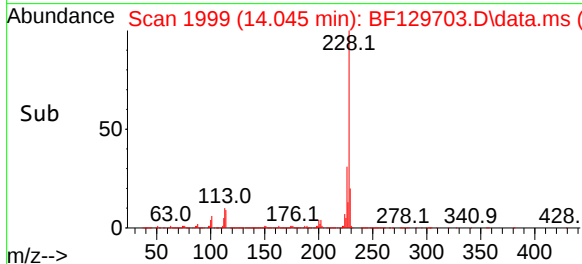
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



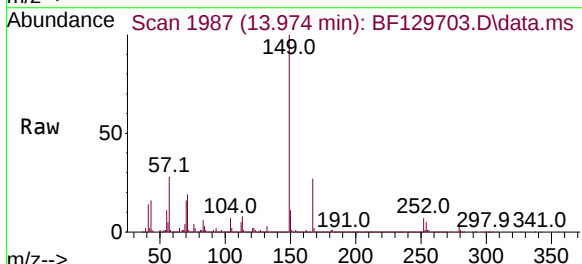
Tgt Ion:228 Resp: 912699
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.0 15.9 23.9

Manual Integrations
APPROVED

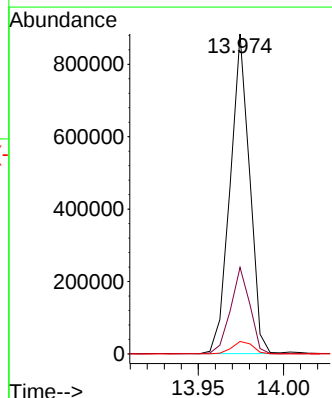
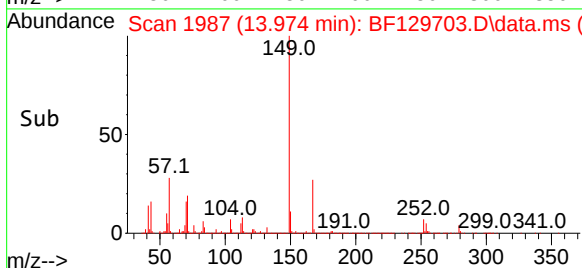
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

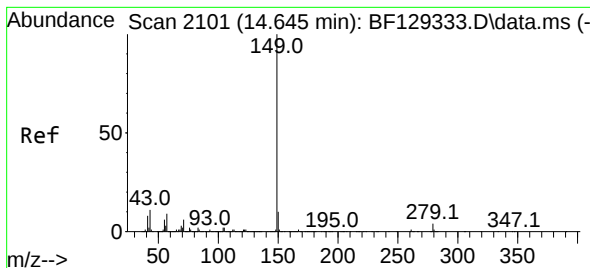


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.244 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19



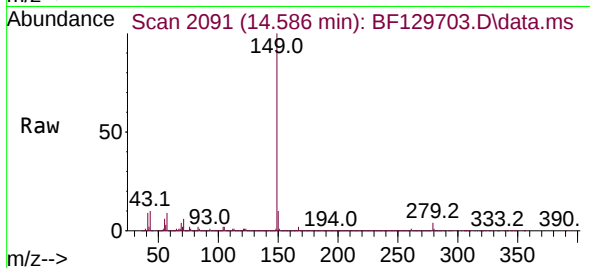
Tgt Ion:149 Resp: 701679
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 58.687 ng
RT: 14.586 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

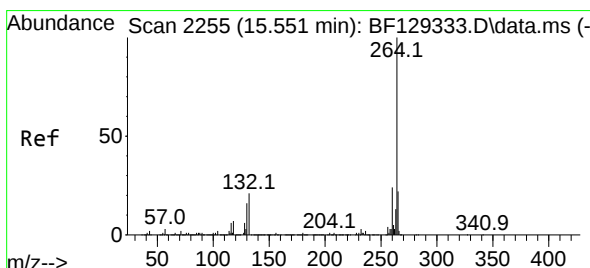
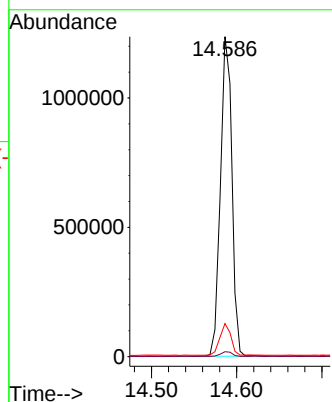
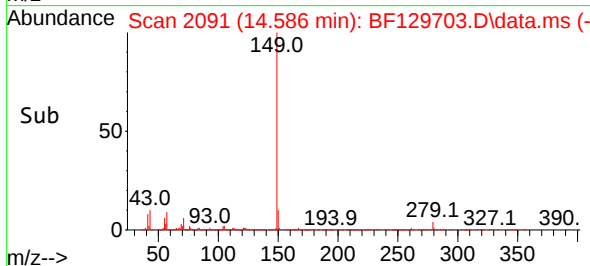
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion:149 Resp: 1156388
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 9.2 13.8

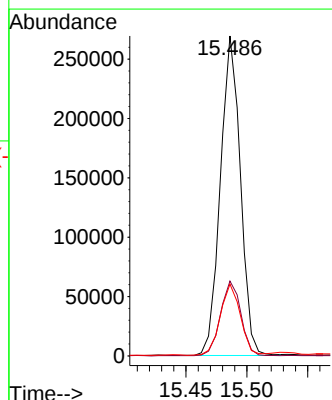
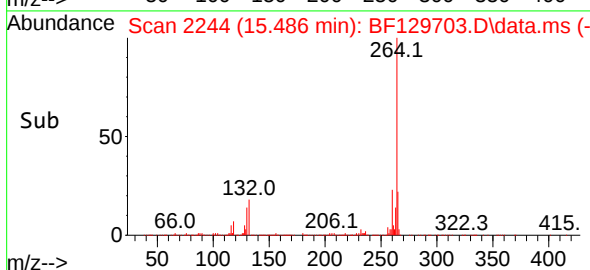
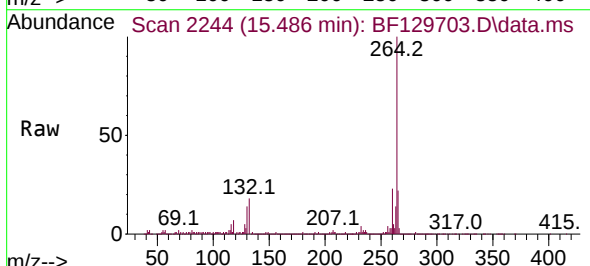
Manual Integrations
APPROVED

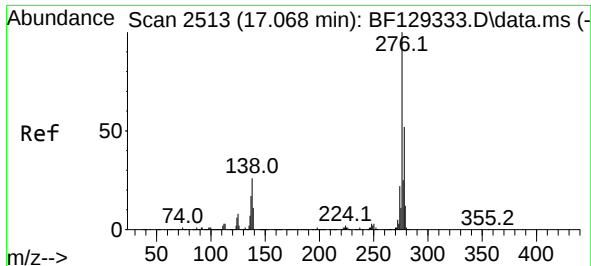
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

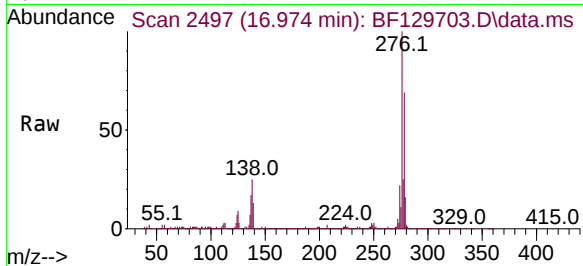
Tgt Ion:264 Resp: 307265
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.4 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.682 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.023 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

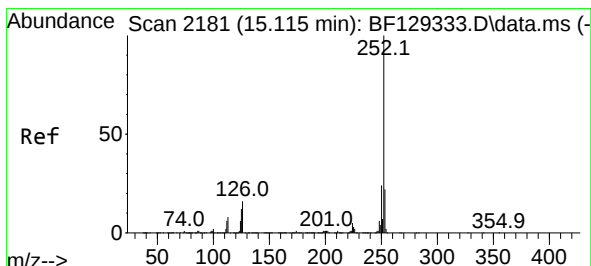
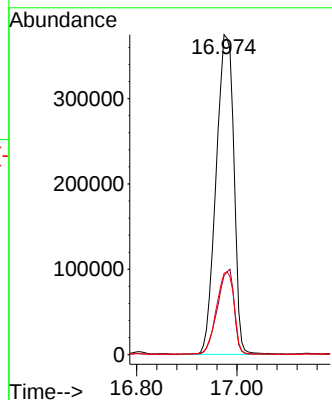
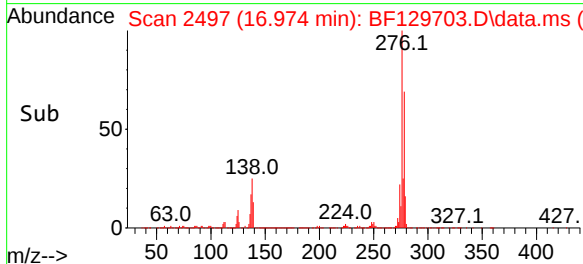
Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD



Tgt Ion: 276 Resp: 92453
Ion Ratio Lower Upper
276 100
138 24.7 21.1 31.7
277 25.5 20.3 30.5

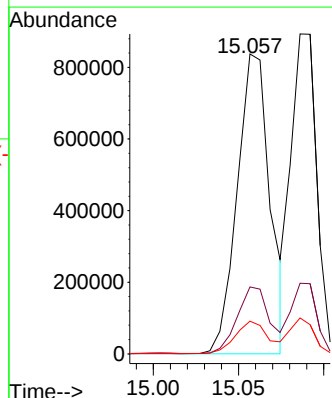
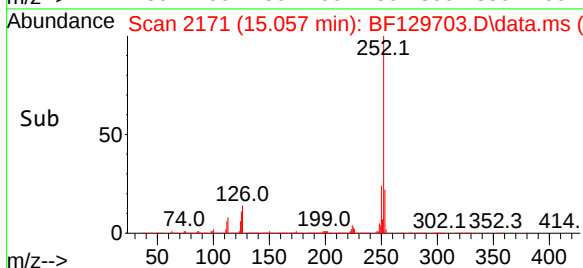
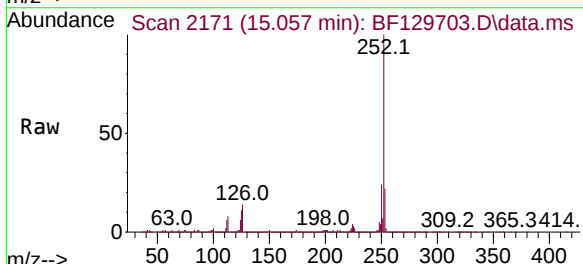
Manual Integrations
APPROVED

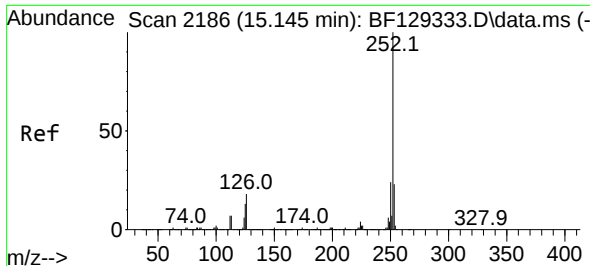
Reviewed By : Christian Giraldo 08/11/2022
Supervised By : Jagrut Upadhyay 08/11/2022



#88
Benzo(b)fluoranthene
Concen: 55.060 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129703.D
Acq: 10 Aug 2022 19:19

Tgt Ion: 252 Resp: 1122229
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.883 ng

RT: 15.086 min Scan# 2186

Delta R.T. -0.018 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

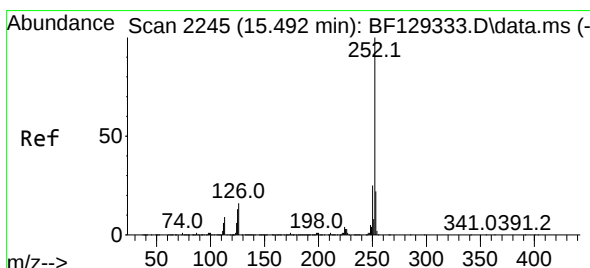
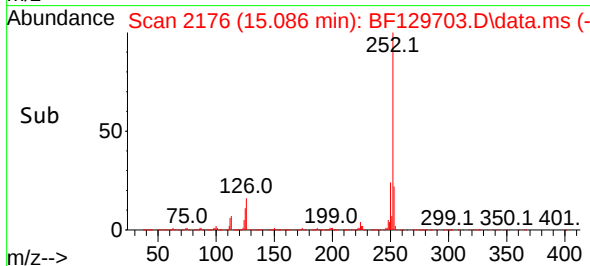
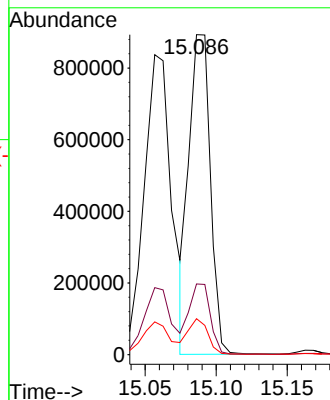
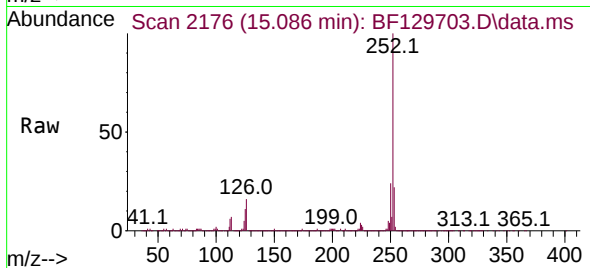
RBR-200051MSD

Tgt Ion:252 Resp: 936421
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.6
 125 11.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/11/2022
 Supervised By :Jagrut Upadhyay 08/11/2022



#90

Benzo(a)pyrene

Concen: 55.612 ng

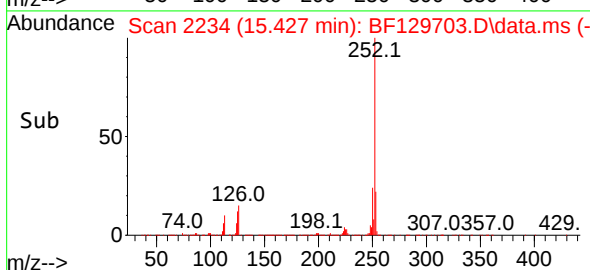
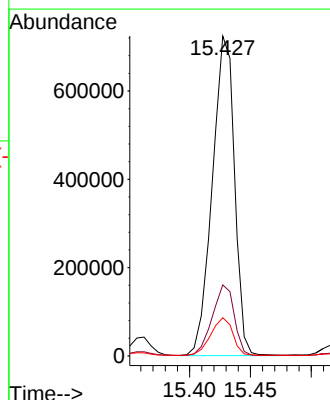
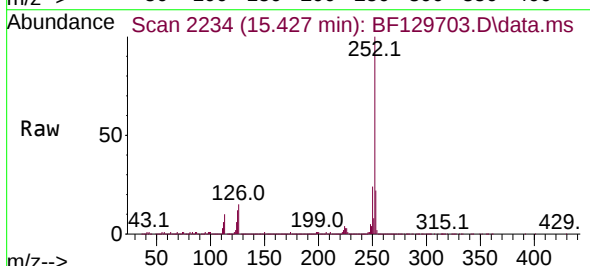
RT: 15.427 min Scan# 2234

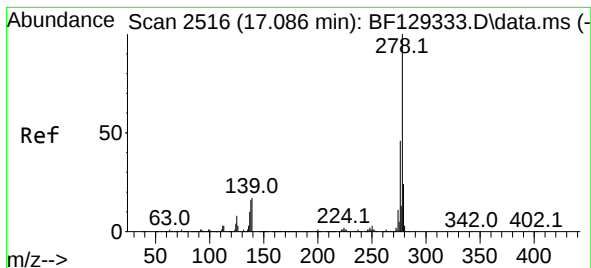
Delta R.T. -0.012 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Tgt Ion:252 Resp: 920127
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.6
 125 11.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.993 ng

RT: 16.986 min Scan# 2499

Delta R.T. -0.023 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Instrument :

BNA_F

ClientSampleId :

RBR-200051MSD

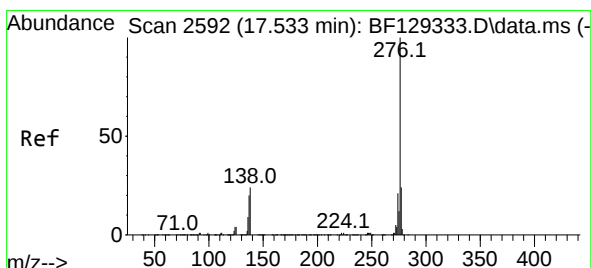
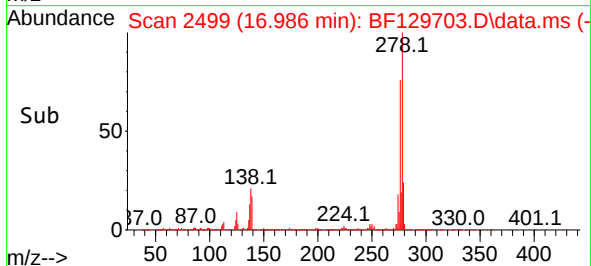
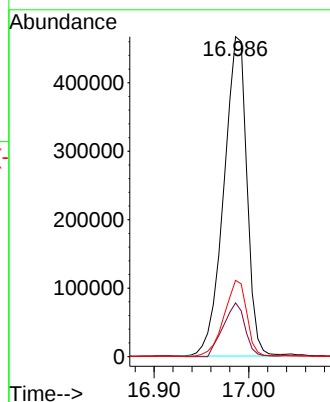
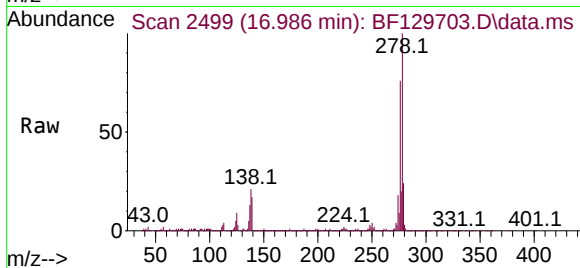
Tgt Ion:278 Resp: 791413
 Ion Ratio Lower Upper
 278 100
 139 16.8 12.8 19.2
 279 23.8 18.6 28.0

Manual Integrations

APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 43.304 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.023 min

Lab File: BF129703.D

Acq: 10 Aug 2022 19:19

Tgt Ion:276 Resp: 745214
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.1 28.7
 138 21.3 18.0 27.0

